

I N D E X
BOARD OF TRANSPORTATION MEETING
July 8, 2004

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BOARD OF TRANSPORTATION MEETING

July 8, 2004

Call to Order

Chairman Galyon called the meeting of the Board of Transportation to order at 9:10 a.m., Thursday, July 8, 2004 in Raleigh, North Carolina with the following members present:

Betts, Blount, Burrell, Campbell, Collier, Cowell, Erby, Galyon, Helms, Kindley, McRae, Perkins, Sewell, Szlosberg, White, Wilson

Members Cox, Dunn and Myers were absent.

Invocation

The invocation was offered by Board Member Erby

Approval - Minutes of June 3, 2004 Board Meeting

The minutes of the June 3, 2004 Board of Transportation Meeting were unanimously approved after the following correction was noted: A correction to the termini of honorary road dedication for Jack Lucas in Washington County – it should read “Dedication is for US 64 from 0.9 mile east of NC 45 to SR 1134, a distance of 5 miles.” upon a motion by Board Member Sewell and was seconded by Board Member Betts.

Approval - Award of Highway Construction Contracts in the June 15, 2004 Letting

State Highway Administrator Len Sanderson reviewed projects advertised in the June 15, 2004 letting, noting on the basis of the low bids received that 21 projects would cover all the work in the letting. After review of the projects, the following actions on award of contracts were taken:

- (1) On Project C201212, 34857.3.2, New Hanover County, (U-2734), the Board rejected all bids. Project will be re-advertised.
- (2) On Project C201207, Wayne County, the Board rejected all bids. Project will be re-advertised.
- (3) Upon a motion by Board Member Burrell, seconded by Board Member Collier, the vote was unanimous to award the contracts on the remaining highway construction contracts to the respective low bidders.

Award of all contracts covering the use of Federal-aid highway funds is subject to concurrence by the Federal Highway Administration.

Project	Contract Awarded To	Amount
C200729 32767.3.2 CARTERET, ONSLOW B-2938	BALFOUR BEATTY CONST., INC. ATLANTA, GA	\$7,991,218.82
C200999 36981.3.1 SAMPSON, JOHNSTON I-4416	TRANS TECH ELECTRIC, L.P. SOUTH BEND, IN	\$633,793.00
C200806 33130.3.1 WAKE B-3521	CAROLINA BRIDGE COMPANY, INC. ORANGEBURG, SC	\$1,464,012.10
C200830 33189.3.1 GRANVILLE B-3643	C. C. MANGUM CONTRACTORS, LLC RALEIGH, NC	\$366,113.35
C201213 37644 DURHAM, WAKE	MANGUM ASPHALT SERVICES, LLC RALEIGH, NC	\$2,178,294.25

C200998 35013.3.1 GUILFORD U-4015B	LARCO CONSTRUCTION A DIV. OF NELLO L. TEER CO. WINSTON-SALEM, NC	\$1,621,767.05
C201215 37107 CHATHAM	S. T. WOOTEN CORPORATION WILSON, NC	\$1,526,179.45
C201216 36963 LEE	S. T. WOOTEN CORPORATION WILSON, NC	\$1,465,451.59
C201218 36961 HOKE	COASTAL CAROLINA DIVISION OF APAC-ATLANTIC, INC. KINSTON, NC	\$3,378,838.32
C201217 36970 SCOTLAND	COASTAL CAROLINA DIVISION OF APAC-ATLANTIC, INC. KINSTON, NC	\$1,853,499.06
C201221 36961, 36970 HOKE, SCOTLAND	COASTAL CAROLINA DIVISION OF APAC-ATLANTIC, INC. KINSTON, NC	\$5,219,053.79
C201198 37691 MECKLENBURG	CROWDER CONSTRUCTION COMPANY CHARLOTTE, NC	\$2,657,055.80
C201220 38126 MECKLENBURG	BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	\$2,318,795.15
C200832 33250.3.1 WATAUGA B-3710	MILLER ENGINEERING CO., INC. MARION, NC	\$586,369.25
C200773 33170.3.1 BURKE B-3622	MILLER ENGINEERING CO., INC. MARION, NC	\$325,430.73
C200815 33107.3.2 MADISON B-3491	MILLER ENGINEERING CO., INC. MARION, NC	\$493,391.63
C200817	DANE CONSTRUCTION, INC.	\$874,635.82

33168.3.2 BURKE B-3620	MOORESVILLE, NC	
C201191 38202.3.1 HENDERSON, POLK I-4727	ASHEVILLE DIVISION OF APAC- ATLANTIC, INC. ASHEVILLE, NC	\$5,214,834.74
C201219 37259 GRAHAM	HARRISON CONST. CO., INC. DIV. OF APAC-TENNESSEE ALCOA, TN	\$2,622,811.34

Approval - Award of Contracts to Private Firms for Engineering Services Highway Design Branch

Following the recommendation of State Highway Design Engineer Art McMillan, a motion was made by Board Member Perkins, seconded by Board Member Erby, and the vote was unanimous to award the following contracts. Award of contracts is subject to approval by the Advisory Budget Commission pursuant to G.S. 136-28(f).

DIVISIONS 4 & 5

- | | |
|------------------------------|--|
| (1) Project: | 34459.1.3 (R-2552AA) Wake-Johnston Counties
Design of Bridge on SR 2703 (New Bethel Road)
over I-40 and Bridge on SR 1525 (Cornwallis
Road) over US 70 Bypass |
| Scope of Work: | Structure Design |
| Estimated Construction Cost: | \$1,596,811.00 |
| Firm: | Rummel, Klepper & Kahl, LLP, Raleigh, NC |
| Maximum Engineering Fee: | \$202,587.82 |
| DBE Utilization: | 0% |
| (2) Project: | 34459.1.6 (R-2552C) Johnston County
Design of Dual Bridges on US 70 Bypass over
Little Creek |
| Scope of Work: | Structure Design |
| Estimated Construction Cost: | \$638,862.00 |
| Firm: | Earth Tech of North Carolina, Inc., Raleigh, NC |
| Maximum Engineering Fee: | \$140,954.26 |
| DBE Utilization: | 0% |
| (3) Project: | 34459.1.6 (R-2552C) Johnston County |

Scope of Work:
Estimated Construction Cost:
Firm:

Maximum Engineering Fee:
DBE Utilization:

Design of Dual Bridges on US 70 Business over
US 70 Bypass and Bridge on Flyover US 70
Business
Structure Design
\$3,068,604.00
Ralph Whitehead and Associates, Inc.,
Charlotte, NC
\$281,993.81
0%

DIVISION 6

(4) Project:

Scope of Work:
Estimated Construction Cost:
Firm:
Maximum Engineering Fee:
DBE Utilization:

33439.1.1 (B-4077) Columbus County
Design of Bridge No. 25 on NC 130 over
Wacamaw River Overflow
Roadway and Hydraulic Design
\$600,000.00
QK4, Charlotte, NC
\$45,621.38
0%

DIVISION 11

(5) Project:

Scope of Work:
Estimated Construction Cost:
Firm:
Maximum Engineering Fee:
DBE Utilization:

33379.1.1 (B-4011) Ashe County
Design of Bridge No. 85 over Mill Creek on
SR 1106 (Railroad Grade Road)
Roadway and Hydraulic Design
\$600,000.00
Wetherill Engineering, Inc., Raleigh, NC
\$46,229.65
Wetherill Engineering, Inc. \$25,353.10
55%

DIVISION 13

(6) Project:

Scope of Work:
Estimated Construction Cost:
Firm:
Maximum Engineering Fee:
DBE Utilization:

33539.1.1 (B-4192) McDowell County
Design of Bridge No. 264 on SR 1103 over
Jackson Creek
Roadway and Hydraulic Design
\$425,000.00
Ramey Kemp & Associates, Inc., Raleigh, NC
\$43,367.92
0%

(7) Project:

Scope of Work:
Estimated Construction Cost:
Firm:
Maximum Engineering Fee:
DBE Utilization:

33544.1.1 (B-4197) McDowell County
Design of Bridge No. 73 on SR 1552 over Dales
Creek on SR 1552
Roadway and Hydraulic Design
\$600,000.00
Ramey Kemp & Associates, Inc., Raleigh, NC
\$41,511.57
0%

DIVISION 14

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|-----|------------------------------|---|
| (8) | Project: | 33433.1.1 (B-4070) Cherokee County
Design of Bridge No. 112 over Hanging Dog
Creek on SR 1347 (McDonald Road) |
| | Scope of Work: | Roadway and Hydraulic Design and Location
Surveys |
| | Estimated Construction Cost: | \$525,000.00 |
| | Firm: | MA Engineering Consultants, Inc., Cary, NC |
| | Maximum Engineering Fee: | \$85,430.15 |
| | DBE Utilization: | 100% |
-
- | | | |
|-----|------------------------------|--|
| (9) | Project: | 33509.1.1 (B-4161) Jackson County
Design of Bridge No. 211 over Tuckaseegee
River on SR 1132 |
| | Scope of Work: | Roadway and Hydraulic Design and Location
Surveys |
| | Estimated Construction Cost: | \$700,000.00 |
| | Firm: | MA Engineering Consultants, Inc., Cary, NC |
| | Maximum Engineering Fee: | \$72,815.84 |
| | DBE Utilization: | 100% |

The following items are supplemental contracts to previous contracts approved by the Board with the same engineering firm. These supplemental contracts were necessary due to approved additional work, which was unknown at the inception and is required of the firms to complete the designs.

DIVISION 2

- | | | |
|------|----------------------------------|---|
| (10) | Project: | 34452.1.1 (R-2539C) Pamlico County
Design of NC 55 from East of SR 1129 to NC 304
in Bayboro |
| | Estimated Construction Cost: | \$14,100,000.00 |
| | Firm: | Greenhorne & O'Mara, Inc., Raleigh, NC |
| | Current Maximum Engineering Fee: | \$441,313.15 |
| | Supplemental Fee: | \$12,837.36 |
| | Supplemental Work: | Roadway and Hydraulic Design, Traffic Control
and Pavement Marking Plans (for additional
widening and adding pavement marking to plans) |
| | DBE Utilization: | Mulkey, Inc. \$3,207.59
25% |

DIVISION 4

(11)	Project:	34363.1.1 (R-1030A) Wayne County Design of US 117 from South of NC 581 at Goldsboro to North of SR 1336
	Estimated Construction Cost:	\$29,502,256.00
	Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
	Current Maximum Engineering Fee:	\$1,849,684.24
	Supplemental Fee:	\$75,402.49
	Supplemental Work:	Roadway and Hydraulic Design, Traffic Control Plans and Signal Design (due to changes along US 70)
	DBE Utilization:	0%

DIVISION 4

(12)	Project:	34461.1.3 (R-2554B) Wayne County Design of US 70 (Goldsboro Bypass) from West of SR 1300 to West of SR 1714
	Estimated Construction Cost:	\$82,500,000.00
	Firm:	Rummel, Klepper & Kahl, LLP, Raleigh, NC
	Current Maximum Engineering Fee:	\$979,338.85
	Supplemental Fee:	\$32,778.77
	Supplemental Work:	Roadway and Hydraulic Design (for bridge and pavement changes)
	DBE Utilization:	0%

DIVISION 7

(13)	Project:	33198.1.1 (B-3652) Guilford County Design of Bridge No. 20 over Deep River on SR 4121 (Old US 421/29/70A)
	Estimated Construction Cost:	\$1.9 M
	Firm:	TGS Engineers, Cary, NC
	Original Maximum Engineering Fee:	\$50,776.23
	Supplemental Fee:	\$5,751.53
	Supplemental Work:	Roadway Design for Staking Right of Way
	DBE Utilization:	0%

The following item is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract terminates the original contract due to the firm's inability to provide acceptable plans; therefore, it has been executed by the State Highway Design Engineer in accordance with the policies and procedures adopted by the Board on June 6, 2002. The following item is being presented for information only.

DIVISION 5

(14)	Project:	33245.1.1 (B-3705) Wake County Design of Bridge No. 125 over Smiths Creek on SR 2045 (Burlington Mills Road)
	Estimated Construction Cost:	\$2,050,000.00
	Firm:	Concord Engineering & Surveying, Inc., Concord, NC
	Original Maximum Engineering Fee:	\$47,009.44
	Supplemental Fee:	-\$35,576.74

Supplemental Work:

This contract is being terminated due to engineering firm's inability to meet the project schedule with acceptable plans.

DBE Utilization:

0%

It is recommended that the Board of Transportation award contracts to the private engineering/surveying firms listed below to perform location and surveys services for various projects across the state on an as needed basis. These contracts will expire after one (1) year from the date of execution or whenever the contract amount has been depleted, whichever occurs first.

STATEWIDE

- | | | |
|------|--------------------------|---|
| (15) | Maximum Engineering Fee: | \$300,000.00 |
| | Firm: | Allied Land Surveying Co., P.A.,
Winston-Salem, NC |
| | DBE Utilization: | 0% |
| (16) | Maximum Engineering Fee: | \$150,000.00 |
| | Firm: | ARCADIS G&M, Raleigh, NC |
| | DBE Utilization: | 0% |
| (17) | Maximum Engineering Fee: | \$700,000.00 |
| | Firm: | ESP Associates, P.A., Charlotte, NC |
| | DBE Utilization: | 0% |
| (18) | Maximum Engineering Fee: | \$150,000.00 |
| | Firm: | Joyner Keeny & Associates, Tarboro, NC |
| | DBE Utilization: | 0% |
| (19) | Maximum Engineering Fee: | \$200,000.00 |
| | Firm: | MA Engineering Consultants, Inc., Cary, NC |
| | DBE Utilization: | 100% |
| (20) | Maximum Engineering Fee: | \$300,000.00 |
| | Firm: | Mattern & Craig, Asheville, NC |
| | DBE Utilization: | 0% |
| (21) | Maximum Engineering Fee: | \$700,000.00 |
| | Firm: | McKim & Creed, Cary, NC |
| | DBE Utilization: | 0% |
| (22) | Maximum Engineering Fee: | \$700,000.00 |
| | Firm: | Mulkey, Inc., Cary, NC |
| | DBE Utilization: | 0% |
| (23) | Maximum Engineering Fee: | \$700,000.00 |
| | Firm: | Stantec Consulting Services, Inc., Raleigh, NC |
| | DBE Utilization: | 0% |

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|------|--------------------------|---|
| (24) | Maximum Engineering Fee: | \$100,000.00 |
| | Firm: | Summit Consulting Engineers, Hillsborough, NC |
| | DBE Utilization: | 0% |
| (25) | Maximum Engineering Fee: | \$500,000.00 |
| | Firm: | TGS Engineers, Cary, NC |
| | DBE Utilization: | 0% |
| (26) | Maximum Engineering Fee: | \$500,000.00 |
| | Firm: | Vaughn & Melton Consulting Engineers, Asheville, NC |
| | DBE Utilization: | 0% |

**Approval - Award of Contract to Private Firms for Engineering Services
Transportation Planning Branch**

Following the recommendation of Lori Cove, Group Manager in the Transportation Planning Branch, a motion was made by Board Member Perkins, seconded by Board Member Erby, and the vote was unanimous to award the following contract. Award of contracts is subject to approval by the Advisory Budget Commission pursuant to G.S. 136-28(f).

Divisions 13 & 14

Project:	Limited Travel Demand Modeling Services
Scope of Work:	Provide technical assistance for developing, testing,

	documenting, and implementing a transportation Travel Demand Model for the French Broad River Metropolitan Planning Organization (Buncombe, Henderson, Haywood Counties). Effort to include network coding, model development, socio-economic data collection and associated public involvement.
Firm:	Martin/Alexiou/Bryson, Raleigh, NC
Previous Maximum Fee:	\$ 400,000.00
Supplemental Fee:	\$ 225,000.00
Duration of Agreement:	2 years or depletion of maximum fee
DBE Utilization:	0%

Approval - Award of Contract to Private Firms for Engineering Services Construction Unit

Following the recommendation of Ellis Powell, State Construction Engineer, a motion was made by Board Member Perkins, seconded by Board Member Erby, and the vote was unanimous to award the following contract. Award of contracts is subject to approval by the Advisory Budget Commission pursuant to G.S. 136-28(f).

DIVISION 3

- 1) Project: R-2633CA, (34491.3.5) New Hanover County, Construction of US 17 Wilmington Bypass with Segmental Bridge Construction Over the Cape Fear River

Scope of Work:	Construction Engineering and Inspection (CEI)
Estimated Construction Cost:	\$84,486,828.40
Firm:	PBS&J, Raleigh, NC
Original Maximum Fee:	\$4,350,000.00
Supplemental Fee:	\$1,900,000.00
Duration of Agreement	53 months
MBE/WBE Utilization	Mulkey, Inc. \$210,015.57 11%

**Approval - Award of Contract to Private Firms for Engineering Services
Rail Division**

Following the recommendation of Pat Simmons, Director of the Rail Division, a motion was made by Board Member Perkins, seconded by Board Member Erby, and the vote was unanimous to award the following contract. Award of contracts is subject to approval by the Advisory Budget Commission pursuant to G.S. 136-28(f).

Division 5

Project:	Limited Rail Services
Scope of Work:	Services include but are not limited to the preparation of

the Tier II Environmental Studies for the Southeast High Speed Rail Corridor, as well as environmental documents for rail related activities across the state and providing other environmental services as needed to meet federal and state regulations. This contract is necessary for the firm to complete tasks related to archaeological and historic architectural field work and reports necessary for compliance with state and federal law. This detailed field work covers a corridor length of 138 miles across 7 counties.

Firm:	Buck Engineering, Cary, NC
Previous Maximum Fee:	\$1,750,000.00
Supplemental Fee:	\$ 750,000.00
Duration of Agreement:	Depletion of maximum fee or December 27, 2006, whichever occurs first
MBE/WBE Utilization:	50% Mattson, Alexander & Associates; Legacy Research Associates

**Approval – Award of Contracts to Private Firms for Engineering Services -
Project Development and Environmental Analysis Branch**

Following the recommendation of Greg Thorpe, Manager of Project Development and Environmental Analysis Branch, a motion was made by Board Member Perkins, seconded by Board Member Erby, and the vote was unanimous to award the following contracts. Award of contracts is subject to approval by the Advisory Budget Commission pursuant to G.S. 136-28(f).

DIVISION 12

1) Project: I-4410, 34238.1.1

	I-77/US 21/SR 1109 (Williamson Road)
	Interchange
County:	Iredell
Firm:	The LPA Group, Raleigh, NC
Maximum Fee:	\$ 30,000.00
Scope of Work:	Develop Current and Future Traffic Projections for three (3) I-77 interchanges [SR 1109 (Williamson Road), SR 1102 (Langtree Road), and SR 1100 (Brawley School Road)] to be incorporated into the Interchange Modification Study
Duration of Agreement:	Depletion of Maximum Fee
MBE/WBE Utilization:	0%

The following item is a supplemental contract to previous contract approved by the Board with the same firm. This supplemental contract was necessary due to approved additional work, which was unknown at the inception and is required of the firm to complete the project planning, environmental and engineering study.

DIVISIONS 10 & 12

2) Project:	U-3321, 34922.1.1 Gaston East-West Connector Study/Garden Parkway, I-85 West of Gastonia to NC 160 in Mecklenburg County
Counties:	Gaston and Mecklenburg
Firm:	PBS&J, Raleigh, NC
Previous Maximum Fee:	\$1,293,913.00
Supplemental Fee:	\$1,159,783.00
Scope of Work:	Planning, environmental, and engineering studies related to the preparation of an Environmental Impact Statement
Duration of Agreement:	Depletion of maximum fee
DBE Utilization:	0%

Approval - Funds for Secondary Road Improvement Projects

Director of Asset Management Lacy Love reviewed secondary road improvement projects and recommended Board approval. A motion was made by Board Member Blount, seconded by Board Member White, and the vote was unanimous to approve the following secondary road improvement projects:

Highway Fund

County	SR No	Length	Description	Estimated Cost
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		(Miles)		
Bertie Div. 1	1001 Wakelon Rd.	1.70	Replace deteriorated crosspipes with new bridge, widen, strengthen, and upgrade WBS 1c.008057	\$225,000.00
Hyde Div. 1	1148 Sladesville Rd.	1.50	Widen and strengthen pavement Increase Funds (Supp WBS 1c.048030)	\$ 10,000.00
Martin Div. 1	1153 Gus Ln.	0.30	Grade, drain, base, pave Reduce Funds \$ 64,055.24 WBS 1c.058017	
Northampton Div. 1	1201 Macon Price Rd.		Widen and strengthen pavement Increase Funds (Supp WBS 1c.066036)	\$ 85,000.00
Duplin Div. 3	1352 Swinson Rd.	0.80	Grade, drain, base, pave Increase Funds (Supp WBS 3c.031032)	\$ 20,000.00
Guilford Div. 7			Countywide Right of Way Signatures Increase Funds (Supp WBS 7c.041038)	\$ 234,096.15
Lee Div. 8	1147 Fred Stone Rd.	0.60	Grade, drain, base, pave Increase Funds WBS 8c.053018	\$ 115,000.00
Cabarrus Div. 10	1660M Vine Ave.	0.45	Grade, drain, base, pave Increase Funds (Supp WBS 10c.013007)	\$ 10,999.35
Cabarrus Div. 10			Countywide Right of Way Signatures Increase Funds (Supp WBS 10c.013011)	\$ 30,000.00
Mecklenburg Div. 10	2441 Mac Woods Rd.	0.31	Grade, drain, base, pave Increase Funds WBS 10c.060023	\$ 84,000.00
Stanly Div. 10			Base and Pave entrance Various Volunteer Fire Departments Increase Funds WBS 10c.084014	\$ 55,000.00

Avery Div. 11			Install guardrail in various locations Increase Funds (Supp WBS 11c.006034)	\$ 135,000.00
Caldwell Div. 11			Install guardrail in various locations Increase Funds (Supp WBS 11c.014045)	\$ 250,000.00
Surry Div. 11	1604 Dan Colloway Rd.	0.29	Grade, drain, base, pave Increase Funds (Supp WBS 11c.086043)	\$ 5,000.00
Surry Div. 11	1312 Ambrose Creek Rd.	1.30	Grade, drain, base, pave Increase Funds (Supp WBS 11c.086052)	\$ 101,000.00
Surry Div. 11	1472 Otis Cave Rd.	0.40	Grade, drain, base, pave Increase Funds (Supp WBS 11c.086048)	\$ 15,000.00
Surry Div. 11	2236 Hardin Hollyfield Rd.	1.00	Grade, drain base, pave Increase Funds (Supp WBS 11c.086038)	\$ 82,000.00
Wilkes Div. 11			Countywide Right of Way Signatures Increase Funds (Supp WBS 11c.097028)	\$ 250,000.00
Yadkin Div. 11	1368 Mitchell Chapel Church Rd.	1.06	Grade, drain, base, pave Increase Funds (Supp WBS 11c.099018)	\$ 100,000.00
Yadkin Div. 11			Countywide Right of Way Signatures Increase Funds (Supp WBS 11c.099014)	\$ 100,000.00
Catawba Div. 12	1109 Wildlife Rd	0.50	Grade, drain, base, pave Increase Funds (Supp WBS 12c.018025)	\$ 4,904.48

Cleveland Div. 12	1516 Guy Warlick Rd.	1.68	Grade, drain, base, pave Increase Funds (Supp WBS 12c.023036)	\$ 29,000.00
Cleveland Div. 12	1376B Brooks Chapel Rd.	0.50	Grade, base, pave Increase Funds (Supp WBS 12c.023037)	\$ 33,000.00
Iredell Div. 12	1106 Bridges Farm Rd.	0.50	Grade, drain, base, pave Increase Funds (Supp WBS 12c.049038)	\$ 26,290.79
Iredell Div. 12	1882 Tom Road	1.04	Grade, drain, base, pave Increase Funds (Supp WBS 12c.049035)	\$ 1,518.13
Iredell Div. 12			Countywide Right of Way Signatures Increase Funds (Supp WBS 12c.049020)	\$ 30,000.00
Lincoln Div. 12	1185 Lewis Rd.	0.70	Grade, base, pave Increase Funds (Supp WBS 12c.055031)	\$ 3,491.50
Lincoln Div. 12			Countywide Right of Way Signatures Increase Funds (Supp WBS 12c.055015)	\$ 10,000.00
Buncombe Div. 13	1299 Moore's Valley Rd.	0.70	Grade, drain, base, pave Increase Funds (Supp WBS 13c.011048)	\$ 38,000.00
Buncombe Div. 13	1648 Johnson Rd.	0.31	Grade, drain, base, pave Increase Funds (Supp WBS 13c.011036)	\$ 48,373.84
Graham Div. 14	1126A Old Santeetlah Rd.	0.15	Grade, drain, base, pave Reduce Funds \$ 25,000.00 (Supp WBS 14c.038010)	
Graham Div. 14	1212 Old Sweetwater Rd.	0.30	Grade, drain, base, pave Reduce Funds \$ 120,000.00 (Supp WBS 14c.038015)	

Graham Div. 14	1233 Big Horse Branch	1.00	Grade, drain, base, pave Reduce Funds \$ 33,000.00 (Supp WBS 14c.038009)	
Graham Div. 14			Countywide Right of Way Signatures Increase Funds (Supp WBS 14c.038007)	\$ 70,000.00

Trust Fund

Bertie Div. 1	1548 Grandy Lane	0.11	Grade, drain, base, pave Reduce Funds \$ 1,282.16 (Supp WBS 1c.008012)	
Hertford Div. 1	1342 Big Mill Rd.	0.15	Grade, drain, base, pave Increase Funds (Supp WBS 1c.046021)	\$ 2,500.00
Surry Div. 11	1142 Elkin Wildlife Rd.	0.50	Grade, drain, base, pave Increase Funds (Supp WBS 11c.086008)	\$ 95,000.00
Surry Div. 11	2041 Bryant Mill Rd.	2.60	Grade, drain, base, pave Increase Funds (Supp WBS 11c.086004)	\$ 210,000.00
Wilkes Div. 11	2427 Bosh Kemp Rd.	1.00	Grade, drain, base, pave Increase Funds (Supp WBS 11c.097024)	\$ 95,000.00
Cleveland Div. 12	1523A Jackson White Rd.	0.54	Grade, drain, base, pave Increase Funds (Supp WBS 12c.023048)	\$ 43,900.00
Cleveland Div. 12	1540 McNeily Rd.	0.90	Grade, drain, base, pave Increase Funds (Supp WBS 12c.023019)	\$ 6,800.00
Cleveland Div. 12	1551 Poole Rd.	0.70	Grade, drain, base, pave Increase Funds (Supp WBS 12c.023018)	\$ 36,000.00

Cleveland Div. 12	1345 Whit-Mar Lake Rd.	0.77	Grade, base, pave Increase Funds (Supp WBS 12c.023047)	\$ 75,900.00
Iredell Div. 12	1504 Oley Rd.	0.30	Grade, base, pave Increase Funds (Supp WBS 12c.049046)	\$ 2,810.50
Iredell Div. 12	1431 Armour Ln.	0.20	Grade, base, pave Increase Funds (Supp WBS 12c.049015)	\$ 6,800.81
Iredell Div. 12	1270 Imperial Ln.	0.05	Grade, base, pave Increase Funds (Supp WBS 12c.049016)	\$ 258.94
Lincoln Div. 12	1118 Luther Scrone Rd.	0.55	Grade, base, pave Increase Funds (Supp WBS 12c.055034)	\$ 8,400.00
Lincoln Div. 12	1667 Bryant Cooper Rd.	0.19	Grade, drain, base, pave Increase Funds (Supp WBS 12c.055012)	\$ 12,072.66

Bond Fund

Cabarrus Div. 10	1660M Vine Ave.	.045	Grade, drain, base, pave Increase Funds (Supp WBS 10c.013007)	\$ 8,283.68
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Closings:

Division	County	WBS Element	Road Number	Amount
1	Bertie	1c.008013	1384	\$ 1,934.52
1	Berite	1c.008044	1108	\$ 68,831.41
1	Bertie	1c.008046	1108	\$ 36,909.58
1	Bertie	1c.008047	1112	\$ 49,407.17
1	Bertie	1c.008006	1155	\$ 10,000.00
1	Chowan	1c.021015	1292	\$ 1,100.00
1	Hertford	1c.046024	NC 305 & 1118	\$ 3,306.00
1	Hertford	1c.066033	1311	\$ 27,183.74
1	Northampton	1c.066028	1299	\$ 4,102.50
1	Northampton	1c.066014	1218	\$ 7,506.27
1	Northampton	1c.066027	1270	\$ 8,978.72
1	Northampton	1c.066009	1562	\$ 7,278.31
1	Northampton	1c.066012	1563	\$ 19,364.73
10	Mecklenburg	10c.060009	1476	\$ 70,192.84

Deletions:

County	SR No	Length (Miles)	Description	Estimated Cost
Northampton Div. 1	1125 Garibaldi Rd.	2.70	Grade, drain, base, pave Funds no longer needed WBS 1c.066013	\$ 197,529.38

Northhampton Div. 1	1125 Garibaldi Rd.	2.70	Grade, drain, base, pave Funds no longer needed WBS 1c.066026	\$ 43,962.08
Northhampton Div. 1	1125 Garibaldi Rd.	2.70	Grade, drain, base, pave Funds no longer needed WBS 1c.066005	\$ 20,000.00
Wayne Div. 4	1128 Burton Rd.	0.70	Grade, drain, base, pave Unable to obtain ROW WBS 4c.096023	\$ 105,000.00
Wayne Div. 4	1341B Union Grove Church Rd.	0.50	Grade, drain, base, pave Unable to obtain ROW WBS4c.096012	\$ 79,221.35
Mecklenburg Div. 10	1983 Margo Dr.	0.16	Grade, drain, base, pave Unable to obtain ROW WBS 10c.060018	\$ 9,746.40
Mecklenburg Div. 10	1149	0.26	Grade, drain, base, pave Unable to obtain ROW WBS 10c.060013	\$ 18,000.00

Corrections:

June Agenda

Page E-1 Pasquotank County, SR 1301 WBS 1c.070025 should be corrected to read as 1c.070026 & should be listed under Trust Fund and not Highway Fund.

Page E-2 Stokes County WBS 9c.058040 should be corrected to read as 9c.085040.

Page E-6 Person County, SR 1722 WBS 5c.073025 should be corrected to read as increase to close.

Page E-7 Mecklenburg County, SR 2686 WBS 10c.060011 estimated cost should be corrected to read as \$ 23,709.05

Page E-9 Watauga County, SR 1352 WBS 11c.095049 should read as Highway Fund and not Trust.

Page E-10 Henderson County, SR 1339 WBS 14c.075006 should read as Highway funds and not Trust.

Page E-14 Forsyth County, SR 4444 and SR 2390 should not read as a closing and should be deleted from agenda

Page E-14 Person County, SR 1328 WBS 5c.073022 amount should read as \$ 244.20.

Page E-14 Davidson County, SR 3008 WBS 9c.029045 amount should read as \$ 8,915.97.

Page E- 16 Person County, SR 1162 WBS 5c.073033 estimated cost should read as \$104.07.

Approval – Secondary Road Construction Program FY 2004-2005

Director of Asset Management Lacy Love reviewed and recommended approval of the Secondary Road Construction Program FY 2004-2005. Pursuant to his recommendation, a motion was made by Board Member Blount, seconded by Board Member White, and the vote was unanimous to approve.

A copy of this agenda item is made a part of the record of this meeting and files as an addendum to Minute Book 23A.

Approval - Funds for Access and Public Service Road Projects

Director of Asset Management Lacy Love reviewed and recommended approval of Access and Public Service Road Projects. Pursuant to his recommendation, a motion was made by Board Member Blount, seconded by Board Member White, and the vote was unanimous to approve the following projects:

Industrial Access:

Construct two (2) right-turn lanes at two (2) driveways to a new industry on SR 2528 (Heilig Road).

County	WBS	Description	Amount
Rowan Div. 9	38288	M.I. Home Products (Companion Contingency Funds of \$40,000)	\$40,000.00

Public Schools:

Grade, drain, base, and pave a school bus drive from Plantation Drive (City Street) in Fayetteville. Reimbursement will be made to the Cumberland County School System upon satisfactory completion.

County	WBS	Description	Amount
Cumberland Div 6	39321	Loucile Souders Elementary School	\$18,000.00

Grade, drain, base, and pave a school bus drive from SR 3947 (Celebration Drive). Reimbursement will be made to the Cumberland County School System upon satisfactory completion.

County	WBS	Description	Amount
Cumberland Div. 6	39320	Gray's Creek High School	\$50,000.00

Provide additional stabilization to enlarge the school bus parking area. Work to be performed by NCDOT.

County	WBS	Description	Amount
Lincoln Div. 12	39173	Lincolnton Middle School	\$1,000.00

Grade, drain, and base a school bus parking area and grade, drain, base, and pave a school bus drive from SR 3147 (Lower Brush Creek Road). Reimbursement will be made to the Buncombe County School System upon satisfactory completion.

County	WBS	Description	Amount
Buncombe Div. 13	39322	Cane Creek Middle School	\$50,000.00

Grade, drain, and base a school bus parking area and grade, drain, base, and pave a school bus drive from SR 2219 (Doan Road). Reimbursement will be made to the Buncombe County School System upon satisfactory completion.

County	WBS	Description	Amount
Buncombe	39325	North Windy Ridge School	\$41,000.00

Volunteer Fire Department:

Grade, base, and pave entrance apron to Lilesville Volunteer Fire Department on SR 1730 (Wall St.) in Lilesville, N.C. Reimbursement will be made to the Town of Lilesville upon satisfactory completion.

County	WBS	Description	Amount
Anson Div. 10	38259	Lilesville Volunteer Fire Department	\$7,500.00

Grade, base, and pave entrance apron to Arlington Volunteer Fire Department on US 21 Business in Arlington, N.C. Reimbursement will be made to Yadkin County upon satisfactory completion.

County	WBS	Description	Amount
Yadkin	39144	Arlington Volunteer Fire Department	\$2,000.00

Approval - Additions, Abandonments, and Road Name Changes to State Secondary Road System

Director of Asset Management Lacy Love reviewed proposed additions and abandonments to the State Secondary Road System. Following his review, a motion was made by Board Member Blount, seconded by Board Member White, and the vote was unanimous to approve the following changes in the State Secondary Road System:

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 1				
Camden	47046	0.09	Camden Point Shores Subdivision Paradise Road	6/02/04
Gates	47047	0.12	Ext. of SR 1123 (Mullen Road)	5/11/04
Division 5				
Durham	47048	0.70	Black Horse Run Subdivision Phar Lap Lane	5/12/03
Franklin	47049	0.42	Oak Drive	3/30/04
Wake	47050	0.03 0.15	Jamison Park Subdivision Westleigh Court Heritage Creek Drive	5/03/04
Wake	47051	0.13	Penwyck Estates Subdivision Ext. of SR 5322 (Roffler Street)	4/26/04
Wake	47052	0.03	Red Oak Subdivision Perimeter Court	5/1/03
Wake	47053	0.17 0.06 0.03 0.18 0.16	Stonebridge Subdivision Carlow Court Simtree Court Hovis Court Ext. of SR 3593 (Darfield Drive) Treadwood Court	3/1/04
Wake	47054	0.12 0.26	Tarltan Park Subdivision Penfold Lane Clarincarde Court	6/7/03

Wake	47055	0.40 0.34 0.12 0.04	Willow Deer Subdivision Willowlawn Drive Austin Creek Drive Willowdell Drive Hayrick Court	5/13/04
Wake	47056	0.29 0.26 0.14	Kimmon Place Subdivision Kimmon Way Baynam Pond Drive Ext. of SR 4519 (Cotesworth Drive)	10/13/03
Wake	47085	0.24	Alpine Estates Subdivision Willowlawn Drive	5/17/04
Division 7				
Alamance	47057	0.56	Deerfield Drive	5/25/04
Caswell	47058	0.90	Poole Road	11/19/03
Caswell	47059	0.80	Dixie / Dink Road	6/7/04
Orange	47060	0.23 0.11	Stone Knoll Court Subdivision John Woods Road Standing Rock Court	5/25/04
Orange	47061	0.21	Hyde Away Forest Subdivision Tanya Drive	6/21/04
Division 8				
Chatham	47062	0.28	Weiland Woods Subdivision Bartlett Drive	5/12/04
Division 10				
Cabarrus	47063	0.30 0.30 0.20	Lake Shore Estates Subdivision Ext. of SR 2702 (Shoreview Drive) Manatee Drive Corina Drive	2/10/04
Cabarrus	47064	0.47	Midland Industrial Park Fieldstone Trace	4/2/04
Union	47084	0.25	Burgess Helms Road	5/18/04
Union	47065	0.12 0.05	Somerset Subdivision Redmayne Court Wakefield Lane	3/11/04

		0.15	Cumerland Court	
		0.22	Whittingham Drive	
		0.67	Tintinhull Lane	
		0.15	Dartington Lane	
		0.04	Eleven Court	
		0.30	Belvedere Lane	
		0.16	Chilcomh Court	
		0.13	Arley Hall Court	
		0.03	Wilburn Park Court	
		0.09	Blackheath Court	
		0.02	Towton Court	
		0.16	Tyndale Court	
		0.11	Waltham Forest Court	
Union	47066	0.21	Victory Lane	5/25/04
Union	47067		Brookdale Subdivision	5/11/04
		0.15	Cyrus Lee Lane	
Division 11				
Wilkes	47068		Oakcrest Subdivision	5/7/04
		0.23	Spainhour Street	
Division 12				
Catawba	47069		Tiffany Place Subdivision	4/14/04
		0.15	Silver Street	
Gaston	47070		Woodland Subdivision	4/23/04
		0.08	Ext. of SR 2121 (Johnston Drive)	
Iredell	47071		R.A. White & Kelley Cove	4/14/04
			Subdivision	
		0.25	Henry Lane	
Lincoln	47072		Creekside Subdivision	5/12/03
		0.10	Springview Drive	
		0.43	Creekside Drive	
Division 13				
Buncombe	47073		Riceville Forest Subdivision	5/10/04
		0.21	Lafayette Avenue	
Burke	47074		Millstone Ridge Subdivision	4/22/04
		0.25	Millstone Drive	
		0.07	Mill Race Court	
		0.20	Mill Run Drive	
Division 14				
Clay	47075	0.15	Ext. of SR 1317 (Lizzie Hicks Road)	5/23/03

Henderson	47076	0.42 0.22	Pottery Terrace Subdivision Pottery Terrace Trail Terrace Field Trail	5/28/04
Henderson	47077	0.11	Timberlane Estates Subdivision Evergreen Hill Drive	5/28/04
Jackson	47078	0.16	Relocation of SR 1437 (Hospital Road)	6/11/04

Road Abandonments:

Division 8

Chatham	47079	0.22	Portion of SR 1358 (Clyde Clark Road)	5/17/04
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Division 12

Iredell	47080	0.13	SR 3164 (Celeste Henkle Drive)	4/5/04
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Division 14

Jackson	47081	0.08	Portion of SR 1476 (Streater Road)	6/11/04
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Jackson	47082	0.16	Portion of SR 1437 (Hospital Road)	6/11/04
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Jackson	47083	0.20	Portion of SR 1477 (Hospital Road)	5/17/04
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Abandonment Correction:

Division 7

Guilford	47040	0.17	Portion of SR 3383 (Security Mill Road) (Correct SR number is 3382)	2/20/03
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**Approval - Funds for Specific Divisionwide Small Urban Construction Projects
and Statewide Contingency Fund Projects**

Following the recommendation of Chief Engineer - Operations Steve Varnedoe, a motion was made by Board Member Burrell, seconded by Board Member White, and the vote was unanimous, with the exception of Board Member Wilson who abstained from voting on project WBS 31220 in New Hanover County, to allocate funds to the following projects:

Divisionwide Small Urban Fund

County	Description	Amount
Williamston/ Martin Div. 1	WBS 31140 has been approved to replace existing crossline on US 64 Alternate, west of SR 1434 (McGaskey Rd) and install new crossline under SR 1434 and perform ditch clean out. Install curb and gutter from Main Street to US 64 Alt. Contingency Fund - \$250,000. Increase funds.	\$90,000.00
Morehead City/ Carteret Div. 2	Construct left turn lane at intersection of SR 1176 (20th Street) and SR 1179 (Mayberry Loop Road) WBS 39146	\$100,000.00
Morehead City/ Carteret Div. 2	Consolidate existing access points, correct drainage problem, and provide sidewalk along SR 1176 (Bridges Street) near Morehead Builders WBS 39155	\$76,000.00
New Bern/ Craven Div. 2	Widen SR 1393 (McCarthy Boulevard) two feet on each side from SR 1278 (Trent Road) to US 17, 0.45 mile and improve intersection of McCarthy Boulevard and Trent Road. WBS 39273	\$45,000.00
Greenville/ Pitt Div. 2	WBS 30444 has been approved to construct right turn lane and intersection improvements at Hooker Road at Greenville Convention Center. Increase funds and close project.	\$11,534.82
Greenville/ Pitt Div. 2	Construct right turn lane on US 264A (Greenville Boulevard) at SR 1598 (10th Street) eastbound adjacent to Burger King WBS 39159	\$180,000.00

Greenville/ Pitt Div. 2	Construct right turn lane on US 264A (Greenville Boulevard) at NC 33 (10th Street) southbound adjacent to Hastings Ford and extend existing right turn lane on US 264A northbound at Mobley Drive WBS 39160	\$235,000.00
Grifton/ Pitt Div. 2	Widen from 28 feet to 40 feet and construct curb and gutter and sidewalk on SR 1939 (North Highland Avenue) from Patrick Street to River Street, 0.2 mi. Contingency Fund - \$50,000 Enhancement Fund - \$25,000 WBS 39158	\$150,000.00
Winterville/ Pitt Div. 2	WBS 31192 has been approved to repair, widen, and install curb and gutter on SR 1133 (Main Street) from SR 1700 (Old Tar Road) to Graham Street. Increase funds.	\$150,000.00
Leland/ Brunswick Div. 3	Construct 200 linear feet of concrete sidewalk along the southwest side of SR 1472 (Village Road) between Town Hall and Perry Road WBS 39174	\$7,400.00
Carolina Beach/ New Hanover Div. 3	Intersection improvements at intersection of US 421 and Carl Winner Street (city street)) with construction of dual right turn lanes onto US 421 northbound. City participation: \$30,000 City will also obtain right of way and relocate utilities. City to perform work with reimbursement of up to \$100,000 by DOT upon satisfactory completion. WBS 39141	\$100,000.00
Jacksonville/ Onslow Div. 3	Install a flasher for northbound vehicles on SR 1308 (Bell Fork Road) WBS 39285	\$6,000.00
Durham/ Durham Div. 5	Construct roundabout at intersection of SR 1670 (Geer Street) and SR 1800 (Cheek Road) City to fund one-half of total estimated cost of \$185,000 and will relocate utilities and purchase right of way. WBS 37966	\$92,500.00

Durham/ Durham Div. 5	Install raised islands, curb & gutter, and revise pavement markings along US 501 Business (Roxboro Road), Mangum Street, and Markham Avenue. City to fund one-half of total estimated cost of \$90,000. WBS 37962	\$45,000.00
Durham/ Durham Div. 5	Widen US 70 (Hillsborough Road) at intersection of SR 1314 (Neal Street), and realign SR 1314 WBS 37965	\$30,000.00
Wake Forest/ Wake Div. 5	Improve intersections and traffic signals around the Southeastern Baptist Seminary Total estimated cost - \$700,000 Wake Forest participation - \$150,000 NCMA participation - \$400,000. WBS 37072	\$150,000.00
Elizabethtown/ Bladen Div. 6	Construct right turn lane on SR 1704 (Airport Road) at the Curtis L. Brown, Jr. Field airport. WBS 39202	\$40,000.00
Mocksville/ Davie Div. 9	Construct left and right turn lanes and closed loop signal system on US 601 to Maroney Business Park Contingency Fund - \$200,000 Developer participation - \$370,000 WBS 39316	\$50,000.00
Charlotte/ Mecklenburg Div. 10	Construct left turn lane on NC 115 (Old Statesville Road) at SR 2481 (Hucks Road) and extend widening across frontage of Carrier Corporation site to match existing turn lane at south end of property. Install signal at intersection of Hucks Road and entrance to plant. WBS 39309	\$185,000.00
Albemarle/ Stanly Div. 10	Cut embankment at intersection of SR 1650 (Northeast Connector) and SR 1542 (Ridge Street) WBS 38285	\$25,000.00
Indian Trail/ Union Div. 10	Realign the intersection of SR 1368 (Gribble Road) with SR 1008 (Waxhaw-Indian Trail Road) WBS 38284	\$250,000.00
Indian Trail/ Union Div. 10	Install fire preemptive traffic signal on SR 1009 (Old Monroe Road) at Stallings Volunteer Fire Department WBS 38670 (TF)	\$35,000.00

Gastonia/ Gaston Div. 12	Install traffic signal at intersection of SR 2439 (Lowell- Bethesda Road) at SR 2481 (Gaston- Westover Street) at Gaston Christian School WBS 39274	\$50,000.00
Asheville/ Buncombe Div. 13	Install fully actuated traffic signal at the intersection of SR 1245 (Acton Circle) and SR 1224 (Monte Vista Road) WBS 39154	\$75,000.00
Andrews/ Cherokee Div. 14	Construct curb and gutter and resurface along SR 1388 (Locust Street) from SR 1419 to existing curb and gutter, 0.20 mile WBS 36397	\$100,000.00

Deletion:

WBS 30600/Garner/Wake County – Approved by Board 4/03/03 in the amount of \$110,000 to widen SR 1004 (Old Garner Road) at SR 2547 (Jones Sausage Road) to provide turn lanes and install traffic signal is to be deleted. The \$110,000 funds have been transferred to the Spot Safety companion WBS 31778.

Statewide Contingency Fund

County	Description	Amount
Dare Div. 1	WBS 37070 has been approved to install a traffic signal and construct right turn lane on US 158 at the intersection of Gull Street and Tanger Outlet mall in Nags Head. Small Urban Fund - \$100,000 Increase funds.	\$100,000.00
Martin Div. 1	WBS 31140 has been approved to replace existing crossline on US 64 Alternate, west of SR 1434 (McGaskey Rd) and install new crossline under SR 1434 and perform ditch clean out. Install curb and gutter from Main Street to US 64 Alt. in Williamston. Small Urban Fund - \$90,000. Increase funds.	\$90,000.00
Greene Div. 2	Grade, drain, stabilize, and pave SR 1116 (John Harrison Road) from Lenoir Co. line to dead end, 0.2 mile. Secondary Construction Fund - \$20,000 WBS 39304	\$10,000.00

Lenoir Div. 2	Pave SR 1817 (Hickory Grove Road) from 1816 to SR 1803, 0.2 mile Secondary Construction Fund - \$20,000 WBS 39300	SR	\$11,000.00
Pitt Div. 2	Widen from 28 feet to 40 feet and construct curb and gutter and sidewalk on SR 1939 (North Highland Avenue) from Patrick Street to River Street, 0.2 mile in Town of Grifton Small Urban Fund - \$150,000 Enhancement Fund - \$25,000 WBS 39158		\$50,000.00
Duplin Div. 3	Pave access road to Business Technology/ Business Incubator facility from SR 1341 (Penny Branch Road) near Town of Warsaw WBS 39286		\$50,000.00
New Hanover Div. 3	WBS 31220 has been approved to widen existing four lanes to five lanes on SR 1272 (New Center Drive) from 0.1 mile north of Bob King Blvd to 0.1 mile north of Sigmon Drive in Wilmington. Increase funds and change scope of project to include retaining the right turn lane for Sigmon Drive and costs for right of way and utility relocations.		\$50,000.00
New Hanover Div. 3	Wilmington International Airport (ILM) - Restoration of the original ILM Terminal building to serve as a Welcome Center for Southeastern North Carolina and the North Carolina Museum of Aviation. Remaining costs to be funded by Wilmington International Airport and Wilmington Aviation Foundation. WBS 39268		\$200,000.00
Sampson Div. 3	WBS 38206 has been approved to widen existing two-lane SR 1232 (Railroad Street) in Clinton to a three-lane section, update drainage, install curb & gutter and upgrade signal, from US 701/ NC 24 to SR 1231 (Lisbon Street). SB 1005 Discretionary Fund - \$400,000 City of Clinton participation - \$200,000 Increase funds.		\$200,000.00
Nash Div. 4	Install median cross-over on I-95 between US 64 and NC 97 WBS 40064		\$35,000.00

Nash Div. 4	WBS 40058 has been approved to construct roadway on campus of Nash Community College to improve traffic flow on campus. Increase funds.	\$33,000.00
Durham Div. 5	WBS 31266 has been approved to construct a roundabout at the intersection of NC 751 and SR 1307 (Old Erwin Road) in Durham. Increase funds.	\$57,000.00
Granville Div. 5	Grade, drain, base and pave 0.75 mile of SR 1509 (John Penn Road), beginning at SR 1430 and proceeding 0.75 mile to the northwest, terminating just beyond the church. WBS 39164	\$150,000.00
Wake Div. 5	WBS 31289 has been approved to replace existing two-lane bridge in Cary on SR 1615 (High House Road) over the CSX Railroad Line with a six lane bridge that spans two tracks. Increase funds.	\$145,000.00
Wake Div. 5	Install traffic signal at intersection of SR 1152 (Holly Springs Road) and SR 1300 (Kildaire Farm Road) in Town of Holly Springs WBS 36491	\$45,000.00
Columbus Div. 6	Welcome and Visitor Center – Tabor City Purchase and renovate an existing service station for the purpose of providing a Welcome and Visitor Center on US 701Bus./ NC 410/ NC 904 at the intersection of SR 1300 (Stake Rd) in Tabor City. The purchase and all renovations will be made by the Town. Maintenance and operation of the visitor/welcome center and all environmental issues related to this project will be the responsibility of the Town. WBS 36848	\$150,000.00
Columbus Div. 6	Grade, drain, base and pave SR 1405 (Henry Gines Road) from SR 1401 (Otto Nance Road) to dead end WBS 39166	\$210,000.00
Orange Div. 7	Upgrade Tanya Drive, 0.21 mile, to an acceptable maintenance condition for addition to State System WBS 36277	\$50,000.00
Rockingham Div. 7	Pave Amos Road (SR# to be assigned) from Stokes County to the end of maintenance, 0.20 mi. WBS 39145	\$25,000.00

Randolph Div. 8	WBS 38246 has been approved for restoration of the Pisgah Covered Bridge in Randolph County. Increase funds.	\$5,000.00
Davie Div. 9	Construct left and right turn lanes and closed loop signal system on US 601 to Maroney Business Park in Mocksville. Small Urban - \$50,000 Developer participation - \$370,000 WBS 39316	\$200,000.00
Rowan Div. 9	Construct turn lanes on SR 2528 (Helig Road) for MI Home Products. Public Access Fund - \$40,000 WBS 38288	\$40,000.00
Stanly Div. 10	Improvements at the new Endy Volunteer Fire Department to include: Pave rear driveway to Endy VFD from SR 1305 (Betty Road); Pave front driveway to Endy VFD from NC 24-27; Pave SR 1305 (Betty Road) from end of pavement to proposed rear driveway, approximately 200 feet. Project is subject to environmental review process. (WBS 39333)	\$75,000.00
Iredell Div. 12	Install traffic signal on SR 1100 (Brawley School Road) for the Woodland Heights K-5 School WBS 39275	\$50,000.00
McDowell Div. 13	Construct additional vehicle storage along the access drive from US 70 to Pleasant Gardens Elementary School. The school will perform work in accordance with recommendations made by NCDOT's Traffic Engineering staff and will be reimbursed up to \$77,000 upon satisfactory completion. WBS 36373	\$77,000.00

Approval – 2004 Public Transportation Program

Following the recommendation of Miriam Perry, Director of Public Transportation Division, a motion was made by Board Member Szlosberg, seconded by Board Member Betts, and the vote was unanimous to allocate funds to the following projects:

Urban Planning

The Federal Transit Administration's Section 5303 Metropolitan Planning Program provides financial assistance to local governments in urbanized areas of over 50,000 population to conduct transportation planning activities. Funds are apportioned to each state on the basis of its total urban population. The goal of the Metropolitan Planning Program is the development of transportation systems that embrace all modes of transportation to maximize the mobility of people and distribution of goods in urban areas in an efficient manner. To meet this goal, each Metropolitan Planning Organization (MPO) submits an annual Planning Work Program (PWP) which identifies the transportation planning tasks to be addressed. Both highway and transit planning tasks are addressed in the PWP, consistent with particular items in individual MPO transportation planning prospectuses. The Public Transportation Division uses the PWPs from each of the seventeen urbanized areas in the state to prepare a composite to be submitted to FTA as North Carolina's Statewide Planning Work Program.

This is to request Board of Transportation approval to submit a Section 5303/5313 application to the Federal Transit Administration (FTA) in the amount of \$688,189 in federal funds, enter into agreement and provide the necessary state match. The department will provide federal and state funds for the following projects:

Division 2

Project No	City of Greenville		
05-08-013	The City of Greenville focuses on transit data collection, transit planning to improve current transit services through improvements to fixed route and ADA paratransit services and on planning for a multimodal center to serve the region's public transportation providers.	\$30,590	
		24,472	Federal
		3,059	State
		3,059	Local

Division 3

Project No.	City of Jacksonville		
05-08-017	The Jacksonville Urban Area proposes to focus on a transit implementation plan to refine current service and develop expanded service.	\$25,000	
		20,000	Federal
		2,500	State
		2,500	Local

Project No. 05-08-006	City of Wilmington The Wilmington Urbanized Area MPO proposes to continue its ongoing collaborative short and long range transit planning process with the Cape Fear Public Transportation Authority (formerly Wilmington Transit Authority). The FY 2005 Planning Work Program focuses on incorporating the Transit System Master Plan just completed into the MPO Long Range Transportation Plan and working with the Transit Authority on preparing for implementation of that Transit System Master Plan that will involve a major route restructuring in FY 2006.	\$45,850 36,680 4,585 4,585	Federal State Local
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Division 4

Project No. 05-08-014	City of Goldsboro The Goldsboro Urban Area proposes to update the existing transit study to improve current fixed-route services.	\$30,310 24,248 3,031 3,031	Federal State Local
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Project No. 05-08-015	City of Rocky Mount The Rocky Mount Urban Area proposes to continue data collection and analysis of current ridership on fixed-route and paratransit services. Short-range planning of services in expanding city areas will also continue.	\$32,500 26,000 3,250 3,250	Federal State Local
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Division 5

Project No. 05-08-009	City of Raleigh The 5303 funds for CAMPO are programmed to be used to develop plans for implementation of Raleigh Five-Year Transit Plan; to prepare route evaluations considering the environmental justice, elderly and disabled and private sector participation issues; to prepare performance reports of ridership and service supply for the Accessible Raleigh Transportation Program; and to partner with private entities on such activities as the UPASS program.	\$96,430 77,144 9,643 9,643	Federal State Local
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Project No. 05-08-002	City of Durham The 5303 funds for DCHC are programmed to be used in Durham to conduct systemwide service performance surveys and studies for the purpose of service improvement recommendations, and to develop a revised certification procedure and routing network to maximize efficiency of system fleet using paratransit scheduling software. The 5303 funds will be used in Chapel Hill to gather transit ridership and service data, to create mapping using GIS to support planning activities, to update existing database on bicycle and pedestrian facilities, to prepare forecasts of 2030 travel, to prepare a 2030 transit network to respond to projected increases in travel demand, to monitor and evaluate existing services for the disabled and elderly, to implement a response to the designation of MPO nonconformity, and to support preparation and implementation of UPWP and TIP.	\$178,186 142,548 17,819 17,819	 Federal State Local
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Division 6

Project No. 05-08-010	Cumberland County The Fayetteville Area Metropolitan Planning Organization proposes to continue planning for transportation services within the region to include urban clusters in Hoke and Harnett Counties. A marketing plan for ADA services will be developed. The Congestion Management Plan will be updated and a ridesharing program will be established. Monitoring, data collection and analysis will continue for both regular and specialized services.	\$62,080 49,664 6,208 6,208	 Federal State Local
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Division 7

Project No. 05-08-007	City of Greensboro The Greensboro Urban Area proposes to conduct short-range transit plans. This will involve the evaluation of a crosstown service, the evaluation of service performance and the development of university oriented transit routes.	\$73,120 58,496 7,312 7,312	 Federal State Local
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Project No. 05-08-012	City of Burlington The Burlington-Graham Urban Area proposes to study the feasibility of transit services.	\$25,000 20,000 2,500 2,500	 Federal State Local
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Project No. 03-08-005	City of High Point The High Point Urban Area proposes to continue efforts to support its transportation planning program, including the collection of transit system data. The High Point Urban Area also continues its effort in alcohol/drug control planning, programming and implementation.	\$37,070 29,656 3,707 3,707	Federal State Local
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Division 9

Project No. 05-08-011	City of Winston-Salem The Winston-Salem/Forsyth County Urban Area proposes to continue the planning and implementation of the mobility manager phase 3. The area also will continue efforts to support its transportation planning program, including the collection and analysis of transit system data and identification of improvements for elderly and disabled customers.	\$83,540 66,832 8,354 8,354	Federal State Local
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Project No. 05-08-005	City of High Point – See Division 7
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Division 10

Project No.	City of Concord	\$25,000	
05-08-016	The Cabarrus/Rowan Urban Area will manage the implementation of the RIDER transit system and to monitor transit data from their express routes to improve service.	20,000	Federal
		2,500	State
		2,500	Local

Division 12

Project No.	Western Piedmont Council of Governments	\$30,240	
05-08-004	The UNIFOUR Metropolitan Planning Organization will continue to develop plans to improve transit service.	24,192	Federal
	The transit data base and maps will be updated to provide support to staff and general public.	3,024	State
		3,024	Local

Project No.	City of Gastonia	\$33,830	
05-08-003	The Gaston Urban Area proposes to collect information route restructuring and bus shelter placements. The area will continue to study ways to improve express bus and other services.	27,064	Federal
		3,383	State
		3,383	Local

Division 13

Project No.	City of Asheville	\$51,490	
05-08-001	The Asheville Urban Area proposes to collect information relevant to managing and planning new routes and service delivery methods in order to ensure efficient operation of the transit system. They will also update the transit element of the long-range transportation plan and do operations planning to improve current services.	41,192	Federal
		5,149	State
		5,149	Local

Statewide

Project No.	North Carolina Department of Transportation	\$303,824	
NC-80-013	The Section 5313 State Planning and Research Program provides federal funds to states and local governments for such activities as planning, technical studies and assistance, demonstrations, management training and cooperative research. This formula program apportions funds to the states on the basis of their total urban population. For FY05, program funds will be used to support the division's Metropolitan Transportation Section technical assistance activities; New Start and regional bus service planning assistance activities; Public Transportation Division sponsored training workshops for managerial, technical and professional personnel; and the division's programmatic and financial administration of the MPO planning programs.	243,059	Federal
		60,765	State

Urban Bus and Facilities Program

Division 5

Project No.	The City of Raleigh received approval for a	\$500,000	
NC-03-0059	Federal Transit Administration Capital Program (Section 5309) grant. The grant will allow for the necessary design and engineering work needed to do a major rehabilitation/reconstruction of the existing City of Raleigh Transit Maintenance Center. The rehabilitation/reconstruction project will include adding a second floor to the existing building for administrative office space, adding two more service bays, and reconfiguring office areas for maintenance and operating staff. The City of Raleigh is requesting a 10% state match to the grant. The effective date for reimbursement of eligible project costs is March 1, 2004 to coincide with the period of performance authorized by the Federal Transit Administration.	400,000	Federal
		50,000	State
		50,000	Local

Transportation Demand Management Program

Division 3

05-RS-008	The City of Wilmington will continue the Wilmington Regional Transportation Demand Management Program, called Cape Fear Breeze. The purpose of the program is to develop and promote alternatives to single-occupant vehicle use for target groups, including employers and employees, visitors, and the general public. Activities to be undertaken during fiscal year 2005 include completing administration of the employee commute survey to establish baseline data on alternative transportation usage, identifying potential users and locations for park-n-ride lots and shuttle service, facilitating partnership with WTA and the New Hanover Transportation Services, assisting with the Brunswick Connector project, designing and launching a website for the Cape Fear Breeze program, developing seasonal congestion mitigation measures for Oak Island, and promoting the regional rideshare matching service. The recommended effective date for reimbursement of eligible project costs is July 1, 2004.	\$78,527	Total
		39,263	State
		39,264	Local

Division 5

Project No.:	The Transportation Department at the North Carolina	\$79,188	Total
05-RS-002	State University implements travel demand management measures to maintain air quality and improve mobility options for the campus. Activities to be undertaken during fiscal year 2005 include administering the U-Pass program, developing a program of promotional and educational activities to encourage alternative modes of transportation, working to ensure alternative modes of transportation are accommodated in the NCSU Transportation Master Plan, conducting surveys to establish baselines for performance measures and determine travel modes and patterns, assisting TJCOG and other coalition partners in promoting/recruiting BWC members, creating an effective communication piece for rideshare matching options, and working with the University HR Department to establish telecommuting/flextime options. The recommended effective date for reimbursement of eligible project costs is July 1, 2004.	39,594	State
		39,594	Local

Divisions 5 & 7

Project No.:	The Durham - Wake Counties Research and	\$123,347	Total
05-RS-005	Production Service on behalf of SmartCommute @ RTP - This Transportation Management Association, funded by the Durham and Wake Counties Research and Production Service Districts, will continue a transportation demand management program in the RTP area with the overall goal to increase the percentage of RTP employees using commute alternatives. Activities to be undertaken during FY 2005 include coordinating the Great Commuter Challenge campaign to encourage employees to try commute alternatives, working with EPA and other regional organizations to encourage companies to participate in the Triangle Region Best Workplaces for Commuters program, increasing the transit and vanpool ridership in RTP, working with TTA to print and distribute New Employee Transit Information Guide with an insert for SmartCommute, and continuing the effort to improve the standardized surveying and reporting tools. The standardized surveying and reporting will enable calculation of the benefits of TDM activities in terms of vehicle miles of travel reduced and emissions reduced. The recommended effective date for reimbursement of eligible project costs is July 1, 2004.	61,673	State
		61,674	Local

Division 7

Project No.:	The Commuter Alternatives Program at the University of	\$106,473	Total
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05-RS-006	North Carolina at Chapel Hill (UNC-CH) promotes TDM by providing information and incentives to those who do not choose to purchase a University Parking Permit. CAP markets the commuter options of park and ride lots, transit, vanpool, carpool, walking and bicycling. Activities to be undertaken in FY 2005 include distributing CAP brochures throughout the University and apartment complexes, coordinating with TTA for advertising of the new University subsidized TTA bus passes and the vanpool rider subsidy, surveying CAP participants to improve the program, administering a commuter survey, and promoting the new park and ride lot at the Friday Center, the Zipcar program, the Statewide Rideshare Matching program and the regional Trip Planning software. The recommended effective date for reimbursement of eligible projects costs is July 1, 2004.	53,236	State
		53,237	Local

Urban Technology Program

Transit 2001 recommended using state funds to meet the technology needs of public transportation systems in urban and rural areas of the state. Advanced technologies will enable both rural and urban transit systems to operate more efficiently and effectively and to provide better customer service.

This is to request Board of Transportation approval to provide the use of state funds to support the following projects.

Division 3

Project No. 05-AT-001	The City of Wilmington requests funds to purchase an Automatic Vehicle Location (AVL) system. This system will assist Wave Transit in monitoring its transit fleet for schedule adherence, safety, and security issues.	\$110,000	
		99,000	State
		11,000	Local

Division 7

Project No. 05-AT-002	The Town of Chapel Hill requests funds to purchase 20 Mobile Data Terminals (MDT) to enhance communications with Chapel Hill Transit's paratransit fleet.	\$52,530	
		47,277	State
		5,253	Local
Project No. 05-AT-003	The City of High Point requests funds to purchase a cameras for their paratransit fleet. The cameras will enhance on-board security of passengers and drivers.	\$30,000	
		27,000	State
		3,000	Local

Division 9

Project No. The **City of High Point** - See Division 7
05-AT-003

Division 10

Project No. The **City of Charlotte** requests funds for the \$150,000
05-AT-004 completion of an Automatic Vehicle Location project, to 135,000 State
assist Charlotte Area Transit with vehicle monitoring 15,000 Local
and security.

Division 12

Project No. The **City of Hickory** requests funds to purchase 2 stop \$14,000
05-AT-005 annunciators to provide automated location 12,600 State
announcements on two buses. 1,400 Local

Division 13

Project No. The **City of Asheville** requests funds to purchase 20 \$134,420
05-AT-006 on-board video units to enhance driver and passenger 120,978 State
security. 13,442 Local

Item I – 1 Summary	28 projects	\$688,189	Federal
		\$823,410	State

Approval – 2004 Rail Program

Following the recommendation of Pat Simmons, Director of Rail Division, a motion was made by Board Member Szlosberg, seconded by Board Member Betts, and the vote was unanimous to allocate funds to the following projects:

Town/County Division	Project Description	Estimated Cost
1. Mocksville Davie County Division 9	State Rail Industrial Access funds are needed to partially finance the costs of constructing a rail spur to serve Cycle Group, Inc. The company currently manufactures cat litter and agricultural carrier granule. The proposed expansion will result in 20 additional jobs and in a \$1.5 million dollar capital investment. The company will receive and ship approximately 625 carloads of freight per year. The total estimated cost of a rail spur is \$298,000. The remaining \$193,700 will come from the company. Approval will be subject to verification of information contained in the application, an environmental review, conditional on implementation of transportation improvements necessary to protect the safety of the public, contractors and employees of Cycle Group Inc. WBS 39312	Up to \$104,300
2. New London Stanly County Division 10	State Rail Industrial Access Funds are needed to partially finance the costs of constructing a rail spur to serve Fiber Composites LLC. The company currently manufactures decking and railing materials. The proposed expansion will result in 50 additional jobs and a significant capital investment. The company will receive and ship approximately 250 carloads of freight per year. The total estimated cost of a rail spur is \$362,964. The remaining \$238,964 will come from the company. Approval will be subject to verification of information contained in the application, an environmental review, and conditional on implementation of transportation improvements necessary to protect the safety of the public, contractors and employees of Fiber Composites LLC. WBS 39313	Up to \$124,000
3. Harrisburg	State Rail Industrial Access Funds are needed to	Up to \$114,300

Cabarrus County
Division 10

partially finance the costs of constructing a rail spur to serve the Cabarrus County Project. The new facility will manufacture disposal plastic dinnerware. The proposed expansion will result in 100 additional jobs and in an initial \$20 million dollar capital investment. The company will receive approximately 250 carloads of freight per year. The total estimated cost of an additional rail spur is \$285,750. The remaining \$171,450 will come from the company. Approval will be subject to verification of information contained in the application, an environmental review, conditional on implementation of transportation improvements necessary to protect the safety of the public, contractors and employees.
WBS 39314

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|--------------|--|-----------|
| 4. Statewide | Board approval is requested to execute a memorandum of understanding between the Department, the Georgia Department of Transportation (GDOT) and the South Carolina Department of Transportation (SC DOT) to participate in a study of the Southeast High Speed Rail Corridor. This study will include a capacity analysis of the rail line and preparation of a programmatic environmental impact statement. The states have acquired an earmark of \$750,000 in Federal Railroad Administration (FRA) planning funds and GDOT has applied for an initial grant of \$200,000. The states shall provide the non-federal share of matching funds in the amount of 50% of the project costs based upon the relative mileage each state shares in the project. The Department shall provide 16% (\$32,000) of the matching funds for the initial grant. WBS 39315 | \$32,000 |
| 5. Statewide | Additional state rail funds are needed for passenger train administration salaries and expenses. WBS 32217 | \$80,000 |
| 6. Statewide | Additional state rail funds are needed to match FRA grant funds to support the sealed corridor program and safety improvements between Raleigh and Charlotte. These funds will be used for installation of remote health monitoring systems for individual grade crossings. WBS 32269 & 32281 | \$600,000 |
| 7. Statewide | Board approval is requested to execute a preliminary engineering agreement between the Department and CSX Transportation, Inc. (CXST). This project consists | |

of preliminary engineering as appropriate for an environmental impact statement on the 138-mile portion of the Southeast High Speed Rail corridor between Petersburg, VA and Raleigh, NC. The work to be done by CSXT under this Agreement shall consist of (1) the review and comment of PE and design plans, specifications and drawings for the Project, (2) the preparation of cost estimates for CSXT's work in connection with the Project, and (3) the review and handling of correspondence and other documentation submitted exchanged between the Department and CSXT. WBS Element 39339.2

Approval - Specific State Funds for Construction Projects

Following the recommendation of Calvin Leggett, Manager of the Program Development Branch, a motion was made by Board Member Burrell, seconded by Board Member Erby, and the vote was unanimous to allocate funds to the following projects:

Town/ County Division	Project Description	Estimated Cost
Dare Co. Div. 1 M-309	Project WBS 35481 has previously been approved for preliminary engineering and construction on shoreline monitoring by ITRE on NC 12 at the north end of Hatteras Island at Bonner Bridge. \$600,602.00 has been approved. Additional preliminary engineering funds are needed for research initiatives.	\$90,000.00
Dare-Hyde Cos. Div. 1 R-3116 H	Project WBS 34525.1.11. NC 12 from Ocracoke to the south terminal of the Oregon Inlet Bridge, 59.0 miles. Funds are needed for preliminary engineering.	\$1,000,000.00
Wake Co. Div. 5 R-2828	Project WBS 35516 has previously been approved for preliminary engineering and acquisition of specific parcels on the Southern Wake Expressway from US 401 to I-40, 8.70 miles. \$5,805,000.00 has been approved. Additional funds are needed for Specific Parcel #913 for appraisal and acquisition costs.	\$25,000.00
High Point/ Guilford Co. Div. 7	Project WBS 34962.2.2. SR 1820 (Skeet Club Road) from US 311 to east of SR 1818 (Johnston Street), 3.144 miles. Funds are needed for acquisition of specific	

U-3615 A	parcels for a utility relocation.	
Statewide M-194	Project WBS 34263.1.1 has previously been approved for preliminary engineering on Feasibility Studies. \$9,000,000.00 has been approved. Additional funds are needed for the Carolina Bays Parkway Feasibility Study.	\$302,000.00
Statewide M-211	Project WBS 34264.1.1 has previously been approved for preliminary engineering on the Center for Transportation Engineering Studies and Technical Services. \$1,085,303.00 has been approved. Additional funds are needed for research initiatives.	\$190,000.00
Item J Summary	6 projects	\$2,357,000.00

**Approval - Specific North Carolina Trust Funds and Bond Funds -
Intrastate System and Urban Loops**

Following the recommendation of Calvin Leggett, Manager of the Program Development Branch, a motion was made by Board Member Burrell, seconded by Board Member Erby, and the vote was unanimous to allocate funds to the following projects:

Trust Funds - Intrastate System

Town/ County Division	Project Description	Estimated Cost
Wilson Co. Div. 4 R-1023 WM	Project WBS 34362.4.1 has previously been approved for acquisition of specific parcels and construction for Wetland Mitigation for US 264 (Wilson Bypass). \$1,225,153.00 has been approved. Additional construction funds are needed for remediation work by state forces at the Wiggins Mill Mitigation Site.	\$90,000.00
Columbus- Robeson Cos. Div. 6 R-513 WM	Project WBS 34336.4.1 has previously been approved for preliminary engineering, acquisition of specific parcels and construction on wetland mitigation sites for US 74 from Maxton Bypass to NC 41. \$3,848,000.00 has been approved. Additional preliminary engineering funds are needed for research initiatives.	\$350,000.00
Moore-Lee Cos. Div. 8	Project WBS 34330.4.2 has previously been approved for construction for Wetland Mitigation Sites for US 1 from	\$30,000.00

R-210 WM	Lakeview in Moore County to Sanford in Lee County. \$8,000.00 has been approved. Additional funds are needed for state forces work at the SALT Mitigation Site.	
Caldwell- Watauga Cos. Div. 11 R-2237 WM	Project WBS 34402.4.1 has previously been approved for preliminary engineering and construction for wetland mitigation on US 321 from NC 268 to US 221. \$780,000.00 has been approved. Additional construction funds (by state forces) are needed for the Hanging Rock Mitigation Site.	\$100,000.00
Madison- Yancey Cos. Div. 13 R-2518 WM	Project WBS 34445.3.1 has previously been approved for preliminary engineering for wetland mitigation on US 19 from I-26 to SR 1336 (Jacks Creek Road). \$982,329.00 has been approved. Additional funds are needed for research initiatives.	\$250,000.00
Graham Co. Div. 14 A-9 WM	Project WBS 32572.4.2 has previously been approved for preliminary engineering, acquisition of specific parcels and construction at the Tulula Mountain Bog Site for wetland mitigation for US 74 from Andrews to east of Almonds. \$2,197,000.00 has been approved. Additional preliminary engineering funds are needed for research initiatives (\$100,000.00) and construction funds are needed to cover the overdraft (\$350,000.00).	\$450,000.00
Trust Funds- Intrastate Summary	6 projects	\$1,270,000.00

Trust Funds - Urban Loops

Brunswick- New Hanover Cos. Div. 3 R-2633 B	Project WBS 34491.2.3 has previously been approved for acquisition of a specific parcel on US 17 (Wilmington Bypass) from US 74-76 east of Malmo in Brunswick County to US 421 north of Wilmington in New Hanover County, 7.60 miles. \$375,810.16 has been approved. Additional funds are needed for Specific Parcel #902 for appraisal and acquisition costs.	\$25,000.00
Greensboro/ Guilford Co. Div. 7 U-2524 E	Project WBS 34820.3.22 has previously been approved for construction for ITS Devices on the Outer Loop. \$8,100,000.00 has been approved. Funds need to be reduced \$5,132,542.08 to reflect the low bid received March 16, 2004.	
Forsyth Co. Div. 9 R-2247	Project WBS 34409.1.1 has previously been approved for preliminary engineering on the Winston-Salem Northern Beltway from US 158 to US 52, 17.40 miles. \$8,900,000.00	\$100,000.00

has been approved. Additional funds are needed for research initiatives.

Charlotte/ Mecklenburg Co. Div. 10 R-2248 WM	Project WBS 34410.4.1 has previously been approved for preliminary engineering on the wetland mitigation projects for I-485 (Outer Loop). \$263,000.00 has been approved. Additional funds are needed for research initiatives.	\$300,000.00
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Trust Funds- Urban Loops	4 projects	(\$4,707,542.08)
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Summary

Total Summary of Trust Funds	10 projects	(\$3,437,542.08)
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There were no Bond Fund-Intrastate or
Bond Fund-Urban Loop Projects.

Total K Summary	10 projects	(\$3,437,542.08)
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Approval - Funds for Specific Spot Safety Improvement Projects

Following the recommendation of Calvin Leggett, Manager of the Program Development Branch, a motion was made by Board Member Burrell, seconded by Board Member Erby, and the vote was unanimous to allocate funds to the following projects:

Town/ County Division	Project Description	Estimated Cost
Camden Co. Div. 1 PS-3485	Project WBS 39194. US 158/NC 34 at SR 1139 (Country Club Road). Right of way, utilities, and construction funds are needed for traffic signal installation. File 01-03-202	\$50,000.00
Hertford Co. Div. 1 PS-3486	Project WBS 39195. US 158 at SR 1175 (Parkers Fishery Road). Right of way, utilities, and construction funds are needed for left turn lane construction. File 01-03-212	\$60,000.00

Greene Co. Div. 2 PS-3487	Project WBS 39196. US 13-258 at NC 123 and SR 1301 (Friendship Church Road/Roy Vandiford Road). Right of way, utilities, and construction funds are needed for left turn lane construction. File 02-02-264	\$245,000.00
Pitt Co. Div. 2 RS-2529	Project WBS 31682 has previously been approved for right of way and utilities to improve sight distance on SR 1126 (Forlines Road) at SR 1127 (Frog Level Road). \$50,000.00 has been approved. A project scope is needed to include radii improvements and channelization island construction to place an additional stop sign. Right of way and utilities funds will be reduced \$45,000.00 to reflect the latest estimate. File 02-02-243	
Pitt Co. Div. 2 RS-2529	Project WBS 31681 has previously been approved for construction to improve sight distance on SR 1126 (Forlines Road) at SR 1127 (Frog Level Road). \$20,000.00 has been approved. A project scope is needed to include radii improvements and channelization island construction to place an additional stop sign. Additional funds are needed to reflect the latest estimate. File 02-02-243	\$45,000.00
Onslow Co. Div. 3 PS-3320	Project WBS 31707 has previously been approved for construction to widen NC 172 to provide for a center two-way left turn lane on NC 172 at NC 24 to SR 1500 (Starling Road). \$111,000.00 has been approved. Additional funds are needed to cover unanticipated costs. File 03-99-217	\$18,611.00
Onslow Co. Div. 3 RS-2556	Project WBS 39197. SR 1406 (Piney Green Road) and the intersections of SR 1453 (North Carole Drive) and SR 1455 (West Thomas Avenue). Right of way, utilities, and construction funds are needed for intersection improvement, left turn lane construction, and paved shoulder installation. File 03-03-213	\$141,000.00
Onslow Co. Div. 3 RS-2557	Project WBS 39198. SR 1406 (Piney Green Road) from the intersection of SR 1804 (Birchleaf Lane) to SR 1805 (Birchwood Court). Right of way, utilities, and construction funds are needed for left turn lane construction and paved shoulder installation. File 03-03-214	\$132,500.00
Johnston Co. Div. 4 PS-3488	Project WBS 39199. NC 50 at SR 1517 (Old Sanders House Road) and SR 1533 (Johnson Road). Right of way, utilities, and construction funds are needed for traffic signal	\$50,000.00

	installation. File 04-04-202	
Johnston Co. Div. 4 PS-3489	Project WBS 39200. NC 42 loop onto I-40 westbound. Right of way, utilities, and construction funds are needed for traffic signal revisions and radar sign installation. File 04-04-205	\$18,000.00
Johnston Co. Div. 4 PS-3490	Project WBS 39201. NC 210 at SR 1382 near Drug Store. Right of way, utilities, and construction funds are needed for installation of a traffic signal and a raised concrete median island. File 04-99-245	\$80,000.00
Vance Co. Div. 5 PS-3491	Project WBS 39203. US 158 Business (Oxford Road) at SR 1120 (Vance Academy Road). Right of way, utilities, and construction funds are needed for traffic signal installation. File 05-03-219	\$40,000.00
Wake Co. Div. 5 PS-3492	Project WBS 39205. NC 42 at SR 2751 (Hilltop Road). Right of way, utilities, and construction funds are needed for left turn lane construction and traffic signal installation. File 05-03-221	\$200,000.00
Fuquay-Varina/ Wake Co. Div. 5 US-3988	Project WBS 39204. US 401/NC 42-NC 55 (Main Street) at SR 2768 (Judd Parkway). Right of way, utilities, and construction funds are needed for monolithic island construction. File 05-03-217	\$20,000.00
Cumberland Co. Div. 6 RS-2558	Project WBS 39206. SR 1003 (Camden Road) and SR 1137 (Crystal Springs Road). Right of way, utilities, and construction funds are needed for left turn lane construction and traffic signal installation. File 06-04-201	\$140,000.00
Alamance Co. Div. 7 RS-2559	Project WBS 39207. Bridge #121 on SR 1136 (Bellemont-Mount Hermon Road). Right of way, utilities, and construction funds are needed for guardrail installation. File 07-02-227	\$48,000.00
Whitsett/ Guilford Co. Div. 7 US-3875	Project WBS 31883 has previously been approved for left turn lane construction at US 70 and NC 61. \$150,000.00 has been approved. The existing \$150,000.00 will be split into \$135,000.00 for construction and \$15,000.00 for right of way	

and utilities. No additional funds are needed.
File 07-01-212

Hillsborough/ Orange Co. Div. 7 US-3989	Project WBS 39208. US 70 Business (Churton Street) at NC 86/SR 1879 (Elizabeth Brady Road). Right of way, utilities, and construction funds are needed for traffic signal installation. File 07-01-232	\$80,000.00
Rockingham Co. Div. 7 PS-3493	Project WBS 39210. Bridge #54 on NC 65 over Rock House Creek. Right of way, utilities, and construction funds are needed for guardrail installation. File 07-99-014	\$91,000.00
Rockingham Co. Div. 7 RS-2560	Project WBS 39209. Bridge #58 on SR 1914 (Oregon Hill Road). Right of way, utilities, and construction funds are needed for guardrail installation. File 07-02-226	\$48,000.00
Scotland Co. Div. 8 PS-3494	Project WBS 39211. US 15/501 at NC 144 (formerly SR 1405 (Wire Road)) and SR 1429 (Currie Road). Right of way, utilities, and construction funds are needed for intersection improvements and right turn lane construction. File 08-03-203	\$120,000.00
Davidson Co. Div. 9 PS-3495	Project WBS 39213. SR 1508 (Hickory Tree Road) and US 52 Southbound Exit Ramp. Right of way, utilities, and construction funds are needed for traffic signal installation. File 09-04-200	\$36,000.00
Lexington/ Davidson Co. Div. 9 US-3990	Project WBS 39212. US 64 and SR 1237 (Forrest Hill Road). Right of way, utilities, and construction funds are needed for traffic signal revisions. File 09-03-203	\$6,000.00
Rowan Co. Div. 9 RS-2561	Project WBS 39214. Bridge #156 on SR 2370 (Saint Peters Church Road) near the intersection of SR 2370 and SR 2371 (King Road). Right of way, utilities, and construction funds are needed for bridge structure revisions and shoulder installation. File 09-04-201	\$64,535.00
Kannapolis/ Cabarrus Co. Div. 10 US-3991	Project WBS 39215. SR 2180 (Lane Street) and SR 2202 (China Grove Road). Right of way, utilities, and construction funds are needed for flasher installation. File 10-03-207	\$11,000.00

Huntersville/ Mecklenburg Co. Div. 10 US-3992	Project WBS 39216. SR 2004 (Mt. Holly-Huntersville Road) and SR 2117 (Hambright Road). Right of way, utilities, and construction funds are needed for traffic signal installation. File 10-04-200	\$50,000.00
Indian Trail/ Union Co. Div. 10 US-3993	Project WBS 39217. SR 1501 (Secrest Shortcut Road) and SR 1367 (Unionville-Indian Trail Road). Right of way, utilities, and construction funds are needed for left turn lane construction and traffic signal installation. File 10-03-213	\$50,000.00
Surry Co. Div. 11 PS-3496	Project WBS 39218. US 601 and SR 1485 (Marion Drive). Right of way, utilities, and construction funds are needed for right and left turn lane construction. File 11-02-218	\$141,000.00
Iredell Co. Div. 12 PS-3497	Project WBS 39219. NC 115, from 0.2 mile south of SR 1871 (McLean Store Road) to 0.4 mile south of SR 1800 (North Iredell Road). Right of way, utilities, and construction funds are needed for guardrail installation. File 12-02-202	\$150,000.00
Buncombe Co. Div. 13 PS-3498	Project WBS 39220. US 70 At SR 2435 (Old US 70). Right of way, utilities, and construction funds are needed for intersection improvements and traffic signal installation. File 13-03-212	\$140,000.00
Cherokee/ Swain Co. Div. 14 US-3994	Project WBS 39221. SR 1368 (Acquoni Road) at SR 1361 (Drama Road). Right of way, utilities, and construction funds are needed for traffic signal installation. File 14-03-214	\$125,000.00
Transylvania Co. Div. 14 PS-3499	Project WBS 39222. US 64 (Hendersonville Hwy) at SR 1525-1528 (Crab Creek Road). Right of way, utilities, and construction funds are needed for traffic signal installation. File 14-04-200	\$125,000.00
Item L Summary	32 projects	\$2,480,646.00

Approval - Funds for Specific Federal-aid Projects

Following the recommendation of Calvin Leggett, Manager of the Program Development Branch, a motion was made by Board Member Burrell, seconded by Board Member Erby, and the vote was unanimous to allocate funds to the following projects:

Division 2

Enhancement

Town/ County	Project Description	Estimated Cost	
Morehead City/ Carteret Co. E-4510	WBS 34036.3.1, STP-228(1) Multi-use trail parallel to Bridges Street and Bridges Street Extension between North 35th Street and Country Club Road. Funds are needed for construction by city contract.	\$323,899.00 \$259,119.00 \$64,780.00	Cost Fed. City

Division 3

Surface Transportation

Brunswick Co. R-4002	WBS 34572.2.2, STP-1472(1) SR 1472 (Village Drive) west of SR 1437 (Old Fayetteville Road)/SR 1435 (Navassa Road) to the US 17 Interchange ramps near Leland, 0.9 mile. Funds are needed for right of way and utilities.	\$938,000.00 \$750,400.00 \$187,600.00	Cost Fed. State
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Enhancement

Calabash/ Brunswick Co. E-4511	WBS 34037.2.1, STP-0399(1) Streetscaping along River Road from Beach Drive to the end of River Road. Funds are needed for construction by city contract.	\$178,600.00 \$142,880.00 \$35,720.00	Cost Fed. City
Leland/ Brunswick Co. E-4742	WBS 36380.2.1, STP-348(1) Construct a bicycle/pedestrian facility connecting Village Drive with Old Fayetteville Road via Town Hall Drive. Funds are needed for construction by city contract.	\$59,391.00 \$47,513.00 \$11,878.00	Cost Fed. City
Wilmington/ New Hanover Co. E-4516	WBS 34041.2.1, STP-74(55) Multi-use trail on the north side of US 74 (Eastwood Road) from SR 1409 (Military Cutoff Road) to Cardinal Lane. Funds are needed for construction by city contract.	\$489,650.00 \$391,720.00 \$97,930.00	Cost Fed. City
New Hanover Co. E-4520	WBS 34045.2.1, STP-0421(25) Off-road multi-use trail on the NC Aquarium Property from the north entrance on US 421 South back to	\$133,723.00 \$106,978.00 \$26,745.00	Cost Fed. Other

US 421 South in Kure Beach. Funds are needed for construction by other contract.

Bridge

Brunswick Co. B-3115	WBS 32874.3.1, BRSTP-133(5) Replace Bridge #61 over Town Creek on NC 133, 0.232 mile. Funds are needed for construction as shown in the 04-10 TIP.	\$1,400,000.00 Cost \$1,120,000.00 Fed. \$280,000.00 State
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Division 4

Surface Transportation

Wilson/ Wilson Co. U-3823	WBS 34981.2.3, STP-1158(2) SR 1158 (Airport Boulevard) from NC 42 west to US 264, 2.0 miles. Funds are needed for right of way and utilities.	\$1,025,000.00 Cost \$820,000.00 Fed. \$205,000.00 State
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Bridge

Wayne Co. B-3712	WBS 33252.3.1, BRZ-1006(22) \$725,000.00 has previously been approved for construction to replace Bridge #88 over Falling Creek on SR 1006, 0.133 mile. Funds need to be reduced \$56,235.00 to reflect the low bid received May 18, 2004. Federal (\$44,988.00) State (\$11,247.00)	
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Safety

Elm City/ Wilson Co. Z-4404 DH	WBS 35463.1.21, STP-FY04(15) Revision of railway-highway grade crossing signals and gates at North Street and CSX Transportation Tracks; Crossing #629 836L. Funds are needed for preliminary engineering.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 City
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Elm City/ Wilson Co. Z-4404 DH	WBS 35463.2.24, STP-FY04(15) Revision of railway-highway grade crossing signals and gates at North Street and CSX Transportation Tracks; Crossing #629 836L. Funds are needed for construction by railroad, state and city forces.	\$121,000.00 Cost \$108,900.00 Fed. \$12,100.00 City
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Elm City/ Wilson Co. Z-4404 DL	WBS 35463.1.23, STP-FY04(15) Revision of railway-highway grade crossing signals and gates at Wilson Street and CSX Transportation Tracks;	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 City
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Crossing #629 839G. Funds are needed for preliminary engineering.

Elm City/ Wilson Co. Z-4404 DL	WBS 35463.2.26, STP-FY04(15) Revision of railway-highway grade crossing signals and gates at Wilson Street and CSX Transportation Tracks; Crossing #629 839G. Funds are needed for construction by railroad, state and city forces.	\$121,000.00 Cost \$108,900.00 Fed. \$12,100.00 City
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Division 5

Surface Transportation

Durham/ Durham Co. U-4010	WBS 35011.3.2, STP-98(21) NC 98 (Holloway Street) from east of US 70 to east of Junction Road, 0.373 mile. Funds are needed for construction as shown in the 04-10 TIP.	\$1,400,000.00 Cost \$1,120,000.00 Fed. \$280,000.00 State
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Henderson/ Vance Co. U-2527	WBS 34822.3.1, STP-0509(6) \$13,500,000.00 has previously been approved for construction on the Western Outer Loop from SR 1128 (Ruin Creek Road) to SR 1101 (Old County Home Road), 2.52 miles. This is a cash flow project with \$4,700,467.00 in FY04 and \$4,700,466.00 in FY05. Funds need to be reduced \$4,099,067.00 to reflect the low bid received May 18, 2004. Federal (\$3,279,254.00) State (\$819,813.00)	
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Intelligent Transportation System

Durham/ Durham Co. U-4446	WBS 37422.1.1, ITS-147(1) NC 147 (Freeway) from I-40 to I-85. Funds are needed for construction as shown in the 04-10 TIP.	\$2,000,000.00 Cost \$1,600,000.00 Fed. \$400,000.00 State
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Bridge

Granville Co. B-3644	WBS 33190.3.1, BRZ-1120(7) Replace Bridge #226 over Knap of Reeds Creek on SR 1120, 0.215 mile. Funds are needed for construction as shown in the 04-10 TIP.	\$500,000.00 Cost \$400,000.00 Fed. \$100,000.00 State
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Wake Co. B-3918	WBS 33352.3.1, BRZ-2044(3) Replace Bridge #127 over Tom Creek on SR 2044, 0.265 mile. Funds are needed for construction as shown in the 04-10 TIP.	\$1,000,000.00 Cost \$800,000.00 Fed. \$200,000.00 State
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Safety

Apex/ Wake Co. Z-4405 DI	WBS 35464.2.37, STP-FY04(15) Closing of the East Thompson Street and CSX Transportation Tracks crossing to vehicular traffic; Crossing #630 691Y. Funds are needed for construction by railroad, state and city forces.	\$25,700.00 Cost \$23,130.00 Fed. \$2,570.00 City
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American Tobacco Trail

Wake Co. E-4528 B	WBS 34052.1.2, STP-000S(379) American Tobacco Trail - Phase II, from SR 1603 (Wimberly Road) north to SR 1606 (White Oak Church Road). Funds are needed for construction by county contract.	\$216,900.00 Cost \$173,520.00 Fed. \$43,380.00 Other
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Wake Co. E-4528 B	WBS 34052.1.4, OAA-FY03(17) American Tobacco Trail - Phase II, from SR 1603 (Wimberly Road) north to SR 1606 (White Oak Church Road). Funds are needed for construction. (Omnibus Appropriation Act)	\$496,750.00 Cost \$496,750.00 Fed.
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Division 6

Surface Transportation

Fayetteville/ Cumberland Co. U-4444	WBS 36492.1.2, STP-210(11) NC 210 (Murchison Road) from NC 24-87-210 (Bragg Boulevard) in Spring Lake to the Fayetteville Outer Loop. Funds are needed for preliminary engineering.	\$362,432.00 Cost \$289,946.00 Fed. \$72,486.00 State
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Bridge

Robeson Co. B-3896	WBS 33333.2.3, BRSTP-20(3) \$2,200,000.00 has previously been approved for construction to replace Bridge #24 over CSX Transportation Tracks on NC 20, 0.521 mile. Additional funds are needed to reflect the low bid received May 18, 2004.	\$523,111.00 Cost \$418,489.00 Fed. \$104,622.00 State
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Division 7

National Highway

Greensboro/ Guilford Co. U-2524 WM	WBS 34820.4.2, NHS-124-1(10) \$712,000.00 has previously been approved for acquisition of specific parcels for wetland mitigation on the Western Loop from I-85 to Lawndale Drive. Additional funds are needed for Specific Parcel #704 WM (Property of Lee and Vickie Phillips) - conservation easement.	\$45,000.00 Cost \$36,000.00 Fed. \$9,000.00 State
Greensboro/ Guilford Co. U-2815 C	WBS 34867.3.3, NHF-2085(3) Bryan Boulevard from Regional Road to west of Inman Road, 2.717 miles. Funds are needed for construction by contract.	\$50,000,000.00 Cost \$40,000,000.00 Fed. \$10,000,000.00 State

Surface Transportation

Greensboro/ Guilford Co. U-3612	WBS 34960.2.2, STP-1424(3) SR 1424 (Hilltop Road) from east of SR 1546 (Guilford College Road) at Chelsea Acres Court to SR 4150 (Adams Farm Parkway), 0.576 mile. Funds are needed for right of way and utilities.	\$1,057,000.00 Cost \$845,600.00 Fed. \$211,400.00 State
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Bridge

Caswell Co. B-3630	WBS 33178.3.2, BRZ-1723(4) \$500,000.00 has previously been approved for construction to replace Bridge #70 over Lynch Creek on SR 1723, 0.068 mile. Additional funds are needed to reflect the low bid received May 18, 2004.	\$139,014.00 Cost \$111,211.00 Fed. \$27,803.00 State
Guilford Co. B-3464	WBS 33084.3.2, BRSTP-2832(4) \$1,000,000.00 has previously been approved for construction to replace Bridge #162 over North Buffalo Creek on SR 2832, 0.284 mile. Additional funds are needed to reflect the low bid received May 18, 2004.	\$88,851.00 Cost \$71,081.00 Fed. \$17,770.00 State
Rockingham Co. B-3902	WBS 33338.2.1, BRZ-1974(1) Replace Bridge #72 over a creek on SR 1974. Funds are needed for construction by purchase order contract.	\$270,000.00 Cost \$216,000.00 Fed. \$54,000.00 State

Safety

Rockingham Co. W-4708	WBS 37714.2.1, STP-1605(3) Intersection improvements on SR 1605 (Oakland Avenue) near Eden at SR 1501 (Garrett Road) and SR 1557 (Westerly Park Road). Funds are needed for right of way and utilities.	\$50,000.00 Cost \$45,000.00 Fed. \$5,000.00 State
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Division 8

Enhancement

Asheboro/ Randolph Co. E-4785	WBS 36429.3.1, STP-803(6) Streetscaping along Sunset Avenue from US 220 Business (Fayetteville Street) to SR 1707 (Church Street). Funds are needed for construction by city contract.	\$89,100.00 Cost \$71,280.00 Fed. \$17,820.00 City
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Bridge

Randolph Co. B-3686	WBS 33227.3.1, BRZ-1320(8) \$600,000.00 has previously been approved for construction to replace Bridge #49 over Cable Creek on SR 1320, 0.212 mile. Additional funds are needed to reflect the low bid received May 18, 2004.	\$297,032.00 Cost \$237,626.00 Fed. \$59,406.00 State
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Division 9

Enhancement

Spencer/ Rowan Co. E-4791	WBS 36473.1.1, STP-915(1) Relocation of Diesel Locomotive #6133 at the North Carolina Transportation Museum. Funds are needed for preliminary engineering.	\$10,625.00 Cost \$8,500.00 Fed. \$2,125.00 Other
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Bridge

Winston-Salem/ Forsyth Co. B-3332	WBS 32996.2.2, BRZ-2699(4) Replace Bridge #149 over Fiddlers Creek on SR 2699, 0.17 mile. Funds are needed for construction as shown in the 04-10 TIP.	\$300,000.00 Cost \$240,000.00 Fed. \$60,000.00 State
Rowan- Davie Cos. B-4256	WBS 33598.2.2, BRSTP-801(1) Replace Bridge #80 over the South Yadkin River on NC 801. Funds are needed for right of way and utilities.	\$70,000.00 Cost \$56,000.00 Fed. \$14,000.00 State

Division 10

Interstate Maintenance

Mecklenburg Co. I-4749	WBS #38203.1.1, NHSIMS-77-1(161)23 I-77 from I-485 to SR 2136 (Gilead Road, Exit 23). Funds are needed for preliminary engineering.	\$325,000.00 Cost \$260,000.00 Fed. \$65,000.00 State
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Surface Transportation

Cabarrus Co. R-2246 C	WBS 34408.3.3, STP-1004(21) \$7,100,000.00 has previously been approved for construction on the Westside Bypass extension from SR 1431 (Weddington Road) to SR 1555 (Grand Canyon Road), 1.236 miles. Additional funds are needed to reflect the low bid received May 18, 2004.	\$1,574,846.00 Cost \$1,259,877.00 Fed. \$314,969.00 State
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Bridge

Charlotte/ Mecklenburg Co. B-2591	WBS 32678.2.1, BRZ-1003(24) \$104,000.00 has previously been approved for right of way and utilities to replace Bridge #56 over the Norfolk Southern Railway Tracks on Highland Avenue. Additional funds are needed to reflect the latest estimate.	\$37,000.00 Cost \$29,600.00 Fed. \$7,400.00 City
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Division 11

Interstate Maintenance

Surry- Yadkin Cos. I-4025	WBS 34209.2.2, IMS-77-1(149)83 \$3,196,618.00 has previously been approved for construction for the rehabilitation of Bridge #6 over I-77 Northbound Lane and Bridge #13 on I-77 Southbound Lane over the Yadkin Valley River, Yadkin Valley Railroad and NC 268, 0.777 mile. Additional funds are needed to remove and replace bearing assemblies and install evazote joint seals on Bridge #6.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Surry Co. K-4702	WBS 36267.1.1, IMS-77-1(163)106 I-77 Welcome Center at the North Carolina-Virginia State Line. Funds are needed for preliminary engineering.	\$600,000.00 Cost \$540,000.00 Fed. \$60,000.00 State

Bridge

Ashe Co. B-4014	WBS 33382.3.2, BRZ-1358(3) \$400,000.00 has previously been approved for construction to replace Bridge #281 over Big Horse Creek on SR 1358, 0.079 mile. Additional funds are needed to reflect the low bid received May 18, 2004.	\$519,839.00 Cost \$415,871.00 Fed. \$103,968.00 State
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Division 12

Interstate Maintenance

Cleveland Co. K-4400	I-85 Cleveland County Rest Area Demolition. Funds are needed for construction by purchase order contract.	\$220,000.00 Cost \$198,000.00 Fed. \$22,000.00 State
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Bridge

Cleveland Co. B-3827	WBS 33279.3.2, BRZ-1209(3) \$500,000.00 has previously been approved for construction to replace Bridge #105 over Ashworth Creek on SR 1209, 0.127 mile. Funds need to be reduced \$50,255.00 to reflect the low bid received May 18, 2004. Federal (\$40,204.00) State (\$10,051.00)
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Cleveland Co. B-3828	WBS 33280.2.2, BRZ-1906(2) Replace Bridge #233 over Buffalo Creek on SR 1906. Funds are needed for right of way and utilities.	\$50,000.00 Cost \$40,000.00 Fed. \$10,000.00 State
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Division 13

Bridge

Buncombe Co. B-3119	WBS 32877.2.2, BRZ-2804(1) Replace Bridge #653 over the Broad River on SR 2804 and Bridge #654 over Sandy Branch Creek on SR 2786. Funds are needed for right of way and utilities.	\$40,000.00 Cost \$32,000.00 Fed. \$8,000.00 State
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Yancey- Mitchell Cos.	WBS 32597.4.1, BRSTP-197(6) \$50,000.00 has previously been approved for	\$175,000.00 Cost \$140,000.00 Fed.
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B-1443 WM	preliminary engineering, right of way and utilities on NC 197 south of Red Hill at the county line - wetland mitigation. Additional funds are needed for appraisal and acquisition costs for Specific Parcels #701 WM - #707 WM.	\$35,000.00 State
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Division 14

Safety

Waynesville/ Haywood Co. Z-4414 DC	WBS 35473.1.4, STP-FY04(15) Installation of railway-highway grade crossing signals and gates at the intersection of Killiam Street and Norfolk Southern Railway Tracks; Crossing #720 310G. Funds are needed for preliminary engineering.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 City
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Waynesville/ Haywood Co. Z-4414 DC	WBS 35473.2.7, STP-FY04(15) Installation of railway-highway grade crossing signals and gates at the intersection of Killiam Street and Norfolk Southern Railway Tracks; Crossing #720 310G. Funds are needed for construction by railroad, state and city forces.	\$121,000.00 Cost \$108,900.00 Fed. \$12,100.00 City
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Waynesville/ Haywood Co. Z-4414 DL	WBS 35473.1.6, STP-FY04(15) Installation of railway-highway grade crossing signals and gates at the intersection of Marshall Street and Norfolk Southern Railway Tracks; Crossing #720 320M. Funds are needed for preliminary engineering.	\$4,000.00 Cost \$3,600.00 Fed. \$400.00 City
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Waynesville/ Haywood Co. Z-4414 DL	WBS 35473.2.9, STP-FY04(15) Installation of railway-highway grade crossing signals and gates at the intersection of Marshall Street and Norfolk Southern Railway Tracks; Crossing #720 320M. Funds are needed for construction by railroad, state and city forces.	\$121,000.00 Cost \$108,900.00 Fed. \$12,100.00 City
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Statewide

Planning and Research

Statewide No ID	WBS 36485.3.8, SPR-TPF5(095) FY 2004 - Pooled Fund Project for pot bearing standards.	\$10,000.00 Cost \$10,000.00 Fed.
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Statewide No ID	WBS 36485.3.6, SPR-TPF5(073) FY 2004 - Pooled Fund Project for portable non-	\$15,000.00 Cost \$15,000.00 Fed.
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intrusive technologies.

Statewide No ID	WBS 36485.3.7, SPR-TPF5(065) FY 2004 - Pooled Fund Project for traffic control device consortium.	\$10,000.00 \$10,000.00	Cost Fed.
Statewide No ID	WBS 36125.2.2.4, TPF5(066) \$15,000.00 has previously been approved for preliminary engineering for FY 2004 - Pooled Fund Project for PCC pavement - material and construction optimization for prevention of premature pavement distress in Portland cement concrete pavements. Additional funds are needed.	\$15,000.00 \$15,000.00	Cost Fed.
Statewide No ID	WBS 36485.3.4, SPR-TPF5(068) FY 2004 - Pooled Fund Project for long term maintenance of load and resistance factor design specification.	\$20,000.00 \$20,000.00	Cost Fed.
Statewide No ID	WBS 36485.3.5, SPR-TPF5(087) FY 2004 - Pooled Fund Project for electronic appraisal development study - Phase I.	\$10,000.00 \$10,000.00	Cost Fed.
ITEM M SUMMARY	56 PROJECTS	\$63,445,558.00	

Approval – Revisions to the 2004-2010 TIP

Following the recommendation of Calvin Leggett, Manager of the Program Development Branch, a motion was made by Board Member Burrell, seconded by Board Member Erby, and the vote was unanimous in approving the following modifications to the 2004-2010 Transportation Improvement Program:

TIP ADDITIONS

DIVISION 4

1. E-4114	Bentonville Battleground, Johnston County. Construct roadside pull-offs, signing and landscaping along Sherman's Run Scenic Byway. Reprogrammed project inadvertently removed from STIP.	Construction FFY 04 - \$54,000 (STPE) Construction FFY 04 - <u>\$13,500 (O)</u> Total Cost ----- \$67,500 (STPE/O)
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DIVISION 5

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|-------------|--|--------------------------------------|
| 1. FS-0405A | Triangle Parkway, NC 54 to McCrimmon Parkway, Wake and Durham Counties. Multi-lane facility on new location. Identified as a candidate toll project by the Turnpike Authority. | Scheduled for Feasibility Study Only |
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DIVISION 7

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| 1. U-4750 | Hornaday Road Extension, Current terminus to Chimney Rock Road, Guilford County. Construct a grade separation over the Greensboro Urban Loop. | Programmed for Planning and Design Only |
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TIP MODIFICATIONS**DIVISION 2**

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|-----------|---|--|
| 1. B-3625 | SR 1124, Carteret County. Replace Bridge No. 20 over Bank Creek. Delayed right of way, FFY 04 to FFY 05 and construction, FFY 05 to FFY 06. Planning needs additional time to resolve project commitment issues that limit the construction impact on the Croatan National Forest property. Construction is currently limited to 20 feet from the edge of pavement on the east side and 30 feet on the west side. | Right of way FFY 05 - \$ 35,000 (FA)
Construction FFY 06 - <u>\$625,000</u> (FA)
Total Cost ----- \$660,000 (FA) |
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DIVISION 3

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| 1. R-2514A | US 17 North of Jacksonville, SR 1327-1410 (Kellum Loop Road) to SR 1330-1439 (Deppe Loop Road-Spring Hill Road) south of Belgrade, Onslow County. Delayed construction, SFY 04 to SFY 05. Planning needs additional time to respond to agency comments concerning the permit application.
(3 Year Cash Flow) | Construction SFY 05 - \$ 5,467,000 (T)
Construction SFY 06 - \$ 5,467,000 (T)
Construction SFY 07 - <u>\$ 5,466,000</u> (T)
Total Cost ----- \$16,400,000 (T) |
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| 2. U-4439 | Jacksonville, US 17 (Curtis Road), US 17 to "A" Street at USMC Base-New River Air Station, Onslow County. Safety, intersection and capacity improvements. Delayed construction, FFY 04 to FFY 05. The agreement between NCDOT and the US Marine Corps (USMC) Air Station has not been signed. There are issues regarding the limits of construction and the estimated cost of construction to be resolved. | Construction FFY 05 - \$3,200,000 (NHS) |
| 3. B-3496 | SR 1411, New Hanover County. Replace Bridge No. 10 over Bradley Creek in Wilmington. Delayed construction, FFY 04 to FFY 05. The Coastal Area Management Act (CAMA) permit application is pending. | Construction FFY 05 - \$1,050,000 (FA) |
| 4. E-4511 | Calabash, River Road, Beach Drive to end of road, Brunswick County. Streetscaping. Delayed construction, FFY 03 to FFY 04. Town needs additional time to acquire right of way. | Construction FFY 04 - \$142,880 (STPE)
Construction FFY 04 - <u>\$ 35,720</u> (O)
Total Cost ----- \$178,600 |
| 5. E-4520 | Fort Fisher, North Carolina Aquarium, New Hanover County. Construct off-road multi-use trail on aquarium property, North entrance on US 421 to US 421 South. Delayed construction, FFY 03 to FFY 04. Additional time needed to resolve environmental issues. | Construction FFY 04 - \$106,978 (STPE)
Construction FFY 04 - <u>\$ 26,745</u> (O)
Total Cost ----- \$133,723 |

DIVISION 4

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|-----------|---|--|
| 1. B-3853 | NC 561, Halifax County. Replace Bridge No. 82 over Marsh Swamp. Delayed right of way FFY 04 to 05 and construction, FFY 05 to FFY 06. Design needs additional time to submit plans to the Hydraulic Unit for their recommendations. A February 1 st to June 15 th Moratorium on in-stream work is in force. | Right of way FFY 05 - \$ 45,000 (FA)
Construction FFY 06 - <u>\$450,000</u> (FA)
Total Cost ----- \$495,000 (FA) |
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2. B-4111	SR 1135, Edgecombe County. Replace Bridge No. 19 over Corkey Swamp. Delayed right of way, FFY 04 to FFY 05 and construction, FFY 05 to FFY 06. Design needs additional time to submit plans to the Hydraulic Unit for their recommendations. A February 1 st to June 15 th Moratorium on in-stream work is in force.	Right of way FFY 05 - \$ 40,000 (NFA) Construction FFY 06 - <u>\$675,000 (NFA)</u> Total Cost ----- \$715,000 (NFA)
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DIVISION 5

1. B-4110	SR 1616, Durham County. Replace Bridge No. 5 over Mountain Creek. Delayed right of way, FFY 04 to FFY 05 and construction, FFY 05 to FFY 06. Design needs additional time to submit plans to the Hydraulic Unit for their recommendations. A February 1 st to June 15 th Moratorium on in-stream work is in force.	Right of way FFY 05 - \$ 25,000 (NFA) Construction FFY 06 - <u>\$725,000 (NFA)</u> Total Cost ----- \$750,000 (NFA)
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DIVISION 7

1. B-3852	SR 3389, Guilford County. Replace Bridge No. 449 over Alamance Creek. Delayed right of way, FFY 04 to FFY 05 and construction, FFY 05 to FFY 06. Design needs additional time to submit plans to the Hydraulic Unit for their recommendations.	Right of way FFY 05 - \$ 100,000 (NFA) Construction FFY 06 - <u>\$1,750,000 (NFA)</u> Total Cost ----- \$1,850,000 (NFA)
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DIVISION 8

1. B-4245	SR 2824, Randolph County. Replace Bridge No. 257 over Richland Creek. Delayed right of way, FFY 04 to FFY 05 and construction, FFY 05 to FFY 06. Design needs additional time to submit plans to the Hydraulic Unit for their recommendations. A February 1 st to June 15 th Moratorium on in-stream work is in force.	Right of way FFY 05 - \$ 50,000 (NFA) Construction FFY 06 - <u>\$450,000 (NFA)</u> Total Cost ----- \$500,000 (NFA)
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DIVISION 12

1. R-2206B	NC 16, North of NC 73 to North of SR 1386 (Saint James Church Road), Lincoln County. Four-lane divided facility on new location. Delayed construction, FFY 04 to FFY 05. Planning waiting on final permit drawings.(3 Year Cash Flow)	Construction FFY 05 - \$ 6,634,000 (STP) Construction FFY 06 - \$ 6,633,000 (STP) Construction FFY 07 - <u>\$ 6,633,000 (STP)</u> Total Cost ----- \$19,000,000 (STP)
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2. R-2206C	NC 16, SR 1386 (Egypt Road) in Lincoln County to SR 1895 (Tower Road) near Chronicle in Catawba County, Lincoln and Catawba Counties. Four-lane divided facility on new location. Delayed construction, FFY 04 to FFY 05. Planning waiting on final permit drawings. (3 Year Cash Flow)	Construction FFY 05 - \$ 9,567,000 (STP) Construction FFY 06 - \$ 9,567,000 (STP) Construction FFY 07 - \$ <u>9,566,000</u> (STP) Total Cost ----- \$28,700,000 (STP)
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DIVISION 14

1. B-3856	SR 1238, Henderson County. Replace Bridge No. 335 over Mud Creek. Delayed right of way, FFY 04 to FFY 05 and construction, FFY 05 to FFY 06. Design needs additional time to submit plans to the Hydraulic Unit for their recommendations.	Right of way FFY 05 - \$ 60,000 (NFA) Construction FFY 06 - <u>\$575,000</u> (NFA) Total Cost ----- \$635,000 (NFA)
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PUBLIC TRANSPORTATION PROGRAM

TIP ADDITIONS

DIVISION 2

STIP Page 2-11, 2-15, 2-17, 2-19, 2-23, 2-25

I.D No.	System	Description	Funding	FFY
TT-4702	East Carolina Council	Transit management software	FED \$ 150,000	2004
		TOTAL PROJECT COST SHOWN	STAT 37,500	
			<u>L 9,750</u>	
			Total \$ 197,250	

DIVISION 3

STIP Page 3-11, 3-21

I.D No.	System	Description	Funding	FFY
TT-4702	East Carolina Council	Transit management software	FED \$ 150,000	2004
		TOTAL PROJECT COST SHOWN	STAT 37,500	
			<u>L 9,750</u>	
			Total \$ 197,250	

DIVISION 4

STIP Page 4-28

I.D No.	System	Description	Funding	FFY
TT-4702	East Carolina Council	Transit management software	FED \$ 150,000	2004
		TOTAL PROJECT COST SHOWN	STAT 37,500	
			<u>L 9,750</u>	
			Total \$ 197,250	

Approval - Municipal and Special Agreements

Manager of the Funds Administration Section Laurie Smith outlined provisions for municipal and special agreements. Pursuant to her recommendation, a motion was made by Board Member Sewell, seconded by Board Member Cowell, and the vote was unanimous to approve the following agreements:

SUMMARY: There are a total of 21 agreements for approval by the Board of Transportation. The agreements are as follows: 13 TIP, 3 Utility, 2 Rail, and 3 Enhancement.

Division 2

Town of Bayboro
Pamlico County
R-2539 C
34452.3.7

This project consists of the improvement of NC 55 from SR 1129 (Pennett-Tingle Road) to NC 304 in Bayboro. The Department shall prepare the environmental and/or planning document including any permits, project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the project. The Municipality shall relocate and adjust any municipally owned utilities except water and sewer lines and any utilities under franchise.

Division 4

City of Rocky Mount
Edgecombe County
U-3328
34925.3.2

This project consists of the widening of US 64A (Tarboro Highway) from Stokes Street to eastern ramp terminal of US Bypass in Rocky Mount. The Department shall prepare the environmental and/or planning document including any permits, project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the project. The Municipality shall relocate and adjust any municipally owned utilities and any utilities under franchise.

City of Rocky Mount
CSX Transportation
Nash and Edgecombe Counties
Y-4804 A

This project consists of the implementation of the near-term, mid-term and long-term recommendations included in the Traffic Separation Study. The Municipality has agreed to make a "best faith" effort to adhere to the findings of the analysis and implement the recommendations of the analysis as address in the Agreement. The Municipality shall provide all necessary rights of way and/or easements required for the entire project and shall be responsible for the maintenance of all improvements located on municipal streets and 50% of the annual maintenance cost to be billed by the Railroad. The Railroad shall provide a cash incentive to the Municipality in the amount of \$75,000, shall convey real property to the Municipality and perform said work as per the Agreement. The Department shall coordinate closures and removal of crossing surfaces, prepare and design project plans and prepare environmental and/or planning documents, install and/or construct crossing signal devices and related safety improvements on city maintained streets for projects as per the Agreement.

Division 5

Town of Wendell
Wake County
B-3522
33131.3.1

This project consists of the replacement of Bridge No. 215 over Buffalo Creek and approaches on SR 1007 (Poole Road) south of Wendell. The Department shall prepare the environmental and/or planning document including any permits, project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the project. The Municipality shall relocate and adjust any municipally owned utilities except water and sewer lines and any utilities under franchise.

Town of Apex

This project consists of the construction of

Wake County
E-2971 E

a sidewalk along SR 1521 (Lake Pine Drive) from the Greenway at Apex Community Park to the Existing sidewalk along the front of Picardy Pointe Subdivision in Apex. The Municipality shall prepare the environmental and/or planning document, including any permits, plans, contractor specifications and estimates, construct the project, relocate and adjust utilities, acquire any needed right of way and/or easements and assume all liability and maintenance responsibilities for said sidewalk upon completion of the project. The Department shall participate in the actual construction costs of the project in an amount not to exceed \$12,500.

City of Durham
Durham County
U-4010
35011.3.2

This project consists of the improvement of NC 98 (Holloway St.) from east of US 70 Bypass to east of Junction Road.

At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to relocate and adjust municipally owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. (Estimated cost to the Municipality is \$46,073).

City of Fayetteville
Cumberland County
Y-4806 A

This project consists of the implementation of the near-term, mid-term and long-term recommendations included in the Traffic Separation Study. The Municipality has agreed to make a "best faith" effort to adhere to the findings of the analysis and implement the recommendations of the analysis as address in the Agreement. The Municipality shall relocate and adjust all utilities in conflict with all projects included in this agreement, provide all necessary rights of way and/or easements required for the entire project and shall be responsible for the maintenance of all improvements located on municipal streets and 50% of the annual maintenance cost to be billed by the Railroad. The Department shall coordinate closures and removal of crossing surfaces, prepare and design project plans and prepare environmental and/or planning documents, install and/or construct crossing signal devices and related safety improvements on city maintained streets for the work on all projects as per the Agreement.

Town of Chadbourn
Columbus County
E-2973 F
33914.3.11

This project consists of the enhancement funding of certain landscape plantings at the interchange of US 74 and NC 410 near Chadbourn. The Department shall develop the landscape design, prepare plans and site, install the plantings and maintain the wildflower area at the interchange. The Municipality shall provide any necessary right of way, relocate utilities and assume maintenance of the plantings at the end of a two-year establishment period.

Town of Spring Lake
Cumberland County
U-4719

This project consists of the improvement of NC 24-87 from NC 210 north to SR 1451 (Manchester Road) in Spring Lake. The

36362.3.1

Municipality shall relocate an existing waterline in an effort to accelerate the construction schedule for the Department's roadway project. The Municipality shall obtain any necessary permits to perform the work, design and prepare plans and specifications, advertise and award a contract for said utility work. The Department shall advance funding to the Municipality in the amount of \$360,000 to accomplish the utility work. The Municipality shall make three (3) equal annual principle installments to the Department beginning September 30,2004.

Town of Dublin
Bladen County
R-2562 D
34467.3.8

This project consists of the widening of NC 87 from SR 1191 (Old NC 41) to NC 41-NC 87 Business. The Department shall prepare the environmental and/or planning document including any permits, project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the project. The Municipality shall relocate and adjust any municipally owned utilities except water and sewer lines and any utilities under franchise.

Division 7

Piedmont Triad Regional Water Authority
Guilford County
B-3842
33290.2.1

This project consists of the replacement and improvement of NC Department of Transportation Bridge Number 24 over Deep River in Guilford County.

This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$1,058,000 to \$1,484,504 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).

Piedmont Triad Regional Water Authority
Guilford County
B-3843
33291.2.1

This project consists of the replacement and improvement of NC Department of Transportation Bridge Number 31 over Deep River in Guilford County.

	<p>This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$1,058,000 to \$1,493,488 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).</p>
<p>Piedmont Triad Regional Water Authority Guilford County B-3844 33292.2.1</p>	<p>This project consists of the replacement and improvement of NC Department of Transportation Bridge Number 29 over Hickory Creek in Guilford County.</p> <p>This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$897,000 to \$1,638,800 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).</p>
<p>Piedmont Triad Regional Water Authority Guilford County B-3845 33293.3.2</p>	<p>This project consists of the replacement and improvement of NC Department of Transportation Bridge Number 33 over a branch of Deep River in Guilford County.</p> <p>This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$299,000 to \$1,070,016 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).</p>

Division 8

<p>Piedmont Triad Regional Water Authority Randolph County</p>	<p>This project consists of the replacement and improvement of NC Department of</p>
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B-3888
33327.3.1

Transportation Bridge Number 402 over
Muddy Creek in Randolph County.

This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$299,000 to \$541,600 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).

Piedmont Triad Regional Water Authority
Randolph County
B-3893
33331.3.1

This project consists of the replacement and improvement of NC Department of Transportation Bridge Number 93 over Muddy Creek in Randolph County.

This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$414,000 to \$559,960 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).

Piedmont Triad Regional Water Authority
Randolph County
B-2857
32731.2.2

This project consists of the replacement and improvement of NC Department of Transportation Bridge Number 90 over Muddy Creek in Randolph County.

This Supplemental Agreement changes the maximum amount the Department will reimburse the Authority from \$276,000 to \$1,063,880 (80% funding from the Federal-Aid Highway Bridge Replacement and Rehabilitation Program as allocated to the Department by the FHWA).

City of Archdale
Randolph County
35934

This project consists of the improvement of intersection of SR 1592 (Eden Terrace) and Callahan Street in Archdale.

At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to relocate and adjust municipally owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work. (Estimated cost to the Municipality is \$95,917.50).

Division 9

City of Winston-Salem
Forsyth County
I-2102
34153.2.1

This project consists of the construction of ramps on I-40 at (SR 1101) Harper Road interchange, approximately 0.9 miles east of the Yadkin River.

At the request of the Municipality the Department shall include provisions in the construction contract for the contractor to relocate and adjust municipally owned water lines. The Municipality shall reimburse the Department the entire cost of said utility work upon completion of project. (Estimated cost to the Municipality is \$270,071.75).

Division 10

City of Charlotte
Mecklenburg County
U-4440 C
35033.3.3

This project consists of the design and installation of fiber optic communications cable, traffic surveillance cameras, closed loop traffic signal system and traffic signal equipment along NC 16 (Brookshire Freeway) from I-85 to Nance Cove Road.

This supplemental amends the Municipality's responsibilities to include providing designs for fiber optic communications cable along I-85 from NC 16 (Brookshire Freeway) to Little Rock Road, and correcting provision to reflect the "*2002 NCDOT Standard Specifications for Roads and Structures*".

Division 13

City of Asheville
Buncombe County

This project consists of the construction of an approximately 1.2 mile long, 10-foot

E-3608

wide asphalt multi-use path. This project begins at Hominy Creek River Park along the west bank of the French Broad River and extends northward to Amboy Road (SR 3556). The Municipality shall prepare all environmental documents, project plans and specifications, acquire any needed right of way, relocate and adjust utilities and construct the project. The Department shall participate in the cost of the project for actual costs not to exceed \$300,000.

SUMMARY: There are a total of 39 agreements for informational purposes only. The agreements are as follows: 19 Traffic, 2 Special, 4 Maintenance, 1 Contingency, 1 NC Moving Ahead, 5 Small Urban, 2 Contract Resurfacing, 1 Pavement Preservation, 1 Public Access, 1 SB 1005, 1 Secondary Roads and 1 Rail.

Division 1

Ace Construction Company
Pasquotank County
36249.2191

This project consists of the installation of pedestrian signals and a crosswalk at the intersection of Halstead Blvd/Weeksville Road and Herrington Road. The Department shall prepare the signal design and project plans, furnish and install or have installed the traffic signal equipment. The Developer shall relocate and/or adjust any and all privately or publicly owned utilities, acquire any necessary right of way or construction easements, and reimburse the Department 100% of the actual cost of all work performed by the Department including administrative costs associated with the work. (Estimated cost to the Developer is \$10,000.)

Division 3

City of Wilmington
New Hanover County
32262

This project consists of an evaluation of alternative sites for a multi-modal transportation center in downtown

Wilmington. The Municipality will administer the project, facilitate organization and meeting of a project advisory committee and provide for public input. The Department shall reimburse the Municipality for 100% of the study costs. The total cost of the study is estimated at \$43,892.

Town of Carolina Shores
Brunswick County
3.3010535

This project consists of the routine mowings of Country Club Road (SR 1168) from US 17 to NC 179 within the corporate limits of Municipality. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department will reimburse the Municipality the actual cost for labor and equipment in an amount not to exceed \$331.35 for a maximum of three (3) mowing cycles for the one-year period of 2004.

City of Wilmington
New Hanover County
31220

This project consists of the widening of the existing four lanes to five lanes on New Centre Drive (SR 1272) from 0.1 miles north of Bob King Blvd. to 0.1 miles north Sigmon Dr. for approximately 1100 feet. The Department shall prepare the environmental and/or planning document, including any permits, the plans, contractor specifications and estimates (PS&E package) needed to construct the project, acquire any additional right of way and/or easements, construct and administer the project. The Municipality shall reimburse the Department fifty percent (50%) of the estimated cost of the widening project up to \$200,000. (Estimated cost to the Municipality is \$200,000.)

Town of North Topsail Beach
Onslow County
30539

This project consists of drainage improvements along NC 210 and SR 1568 to include the installation of infiltration systems and restoration of typical sections. The Department shall prepare the environmental and/or planning

document, including any permits, the plans, contractor specifications and estimates (PS&E package) needed to construct the project, acquire any additional right of way and/or easements, relocate and adjust utilities, and construct and administer the project. The Municipality shall participate in the construction cost of the project in a lump sum amount of \$12,000.

North Topsail Beach
Onslow County
38225

This project consists of the construction of a 10-foot wide, asphalt/concrete facility from the Town Hall on NC 210 to the Onslow County Beach Access on SR 1568, which will link residential areas and recreational destinations in North Topsail Beach. The Municipality shall prepare the environmental and/or planning document, including any permits, the plans, contractor specifications and estimates (PS&E package) needed to construct the project, acquire any additional right of way and/or easements, relocate and adjust utilities, and construct and administer the project. The Department shall participate in the actual construction cost of the project in an amount not to exceed \$175,000.

County of New Hanover
New Hanover County

This project consists of utilizing the existing Closed Loop System to attach a fiber optic cable to connect a communication data voice network to a new County Administrative building. The County shall be responsible for the installation of twenty-

four (24) strand fiber optic cable and associated hardware, all repair and/or replacement of any existing equipment, assume maintenance and service operations to the cable upon completion of said installation and release the Department for any and all claims for damages. The Department reserves the right to remove any or all of the fiber optic cable if the operations and/or maintenance negatively affect the overall safety and efficiency of the Closed Loop System.

Town of Holden Beach
Brunswick County
38221

This project consists of the construction of a five – (5) foot sidewalk along SR 1116 (Ocean Boulevard) from the east end of the island to High Point Street in Holden Beach. The Municipality shall prepare the environmental and/or planning document including any permits, the plans, contractor specifications and estimates, acquire for conveyance any necessary right of way, relocate and adjust all utilities, construct and administer the project. The Department shall participate in the cost of the project in a lump sum amount of \$75,000.

County of Duplin
Duplin County
36249.2190

This project consists of the installation of a traffic signal on metal poles with mast arms at the intersection of NC 11 and Duplin Commons driveway access in Duplin County. The Department shall provide the personnel, materials, plans and traffic signal designs, furnish the traffic signal equipment and install or have installed the equipment. The County shall reimburse the Department 100% of the actual cost of all work performed by the Department including administrative costs. (Estimated cost to the County is \$100,000.)

Division 5

Hill Ridge Farms
Franklin County
36249.15

This project consists of the installation of two (2) directional signs at locations specified by the Department in reasonable close proximity to the facility near Youngsville. The Department shall be

responsible for the sign and support design, sign fabrication, preliminary investigation, construction and final inspections for "Hill Ridge Farms" directional sign assemblies. The Facility shall reimburse the Department a lump sum payment in the amount of \$2,547.16 upon execution of the agreement.

Division 6

City of Dunn
Harnett County
6.3043135

This project covers the "routine" mowing of approximately 44.78 miles of state system streets within the corporate limits of the City of Dunn. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department shall reimburse the City up to \$11,919.32 for six mowing cycles for a one-year period.

Town of Erwin
Harnett County
6.3043495

This project covers the "routine" mowing of approximately 27.98 miles of state system streets within the corporate limits of the Town of Erwin. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department shall reimburse the City up to \$7,447.58 for six mowing cycles for a one-year period.

City of Fayetteville
Cumberland County
6.3026202

This Municipal Maintenance Agreement (Schedule A) provides for the Municipality to maintain traffic control devices as indicated in the agreement. The Municipality shall install and maintain signs and supports on the State Highway System Streets located within the Municipality. The

Department shall be billed quarterly by the Municipality for the cost of the installation and/or maintenance as per the agreement. Said agreement shall remain in effect unless terminated at the end of the current fiscal year by either party.

City of Dunn
Harnett County
6CR.304313.10

This project consists of the resurfacing of US 421 from NC 55 south for approximately 3,000 feet. The Municipality shall prepare the plans, contractor specifications and estimates (PS&E package) needed to construct the project, relocate and adjust all utilities, acquire any necessary right of way, construct and administer the project and provide test reports and/or professional engineer certifications verifying the project was constructed in accordance with the approved plans and specifications. The Department shall participate in the actual construction costs of the project in an amount not to \$140,000.

Bolton Volunteer Fire Department
Columbus County
37961

This project consists of the base and paving of the entrance apron to the new Bolton Volunteer Fire Department located on Ninth Street (Bolton Town Street) in Columbus County. The County is to obtain any permits, provide the personnel, materials, equipment, labor, traffic control devices, acquire any needed right of way, and change, adjust and relocate utilities. The Department agrees to participate in the actual construction costs of the project in an amount not to exceed \$24,000.

Whiteville Rescue Unit
Columbus County
37947

This project consists of the base and paving of the entrance apron to the new Whiteville Rescue Unit located on SR 1705 in Whiteville. The County is to obtain any permits, provide the personnel, materials, equipment, labor, traffic control devices, acquire any needed right of way, and change, adjust and relocate utilities. The

Department agrees to participate in the actual construction costs of the project in an amount not to exceed \$7,000.

Division 7

City of Eden
Rockingham County
36536

This project consists of the construction of a sidewalk along the east side of SR 1962 (Pierce Street) from NC 14 to SR 1747 (Stadium Drive) in Eden. The Department shall prepare the environmental and/or planning document and obtain any permits, prepare the project plans, administer and/or award the construction contract and supervise project construction. The Municipality shall participate in the construction cost of the project in a lump sum amount of \$50,000 and assume all liability and maintenance responsibilities for the sidewalk facility upon completion of the project.

Division 9

City of Winston-Salem
Forsyth County
TBA

This Municipal Maintenance Agreement (Schedule A) provides for the Municipality to maintain traffic control devices as indicated in the agreement. The Municipality shall install and maintain signs and support on the State Highway System Streets located within the Municipality. The Department shall be billed quarterly by the Municipality for the cost of the installation and/or maintenance as per the agreement. Said agreement shall remain in effect unless terminated at the end of the current fiscal year by either party.

City of Winston-Salem
Forsyth County
TBA

This Municipal Maintenance Agreement (Schedule B) provides for the Municipality to maintain traffic control devices as indicated in the agreement. The Municipality shall install and maintain pavement marking materials and pavement markers on the State Highway System Streets located within the Municipality. The

Department shall be billed quarterly by the Municipality for the cost of the installation and/or maintenance as per the agreement. Said agreement shall remain in effect unless terminated at the end of the current fiscal year by either party.

Raylen Vineyards & Winery
Davie County
36249.15

This project consists of the installation of three (3) directional signs at locations in reasonable close proximity to the facility near Mocksville. The Department shall be responsible for the sign and support design, sign fabrication, preliminary investigation, construction inspections, installation, and final inspection for said signs. The Facility shall relocate and adjust utilities, acquire any needed right of way and reimburse the Department a lump sum payment in the amount \$12,089.15.

Division 10

City of Monroe
Union County
38118

This project consists of the construction of a three-lane section of SR 1009, Charlotte Avenue from Concord Avenue to Allen Street for a length of 0.12 miles, including grading, drainage, curb and gutter, base, paving, erosion control, striping, and seeding and mulching. The Municipality shall prepare the environmental and/or planning document, including any environmental permits, plans, contractor specifications and estimates (PS&E package), acquire any necessary right of way and/or construction easements, relocate and adjust utilities, administer the construction contract and construct the project. The Department shall participate in the construction costs of the project not to exceed \$148,000.

Longview South, LLC
Union County
36249.2176

This project consists of the design and installation of a traffic signal at the intersection of SR 2948 (Rea Road) and SR 2902 (Tom Short Road). The Developer shall prepare the project plans and traffic signal design, furnish and install traffic signal equipment, relocate and adjust utilities, acquire any needed right of way, and reimburse the Department 100% of the

actual costs of said work for review and approval. (Estimated cost to the Developer is \$5,000).

City of Charlotte
Mecklenburg County
38126

This project consists of the design and installation of video detection and loop replacement on NC 16 (Providence Road). The Municipality shall provide the plans and traffic signal design, purchase and install the traffic signal equipment, acquire any needed right of way, and relocate and adjust utilities. The Department shall reimburse the Municipality for actual costs of the project not to exceed \$61,000.

City of Charlotte
Mecklenburg County
37530

This project consists of the design and installation of video detection and loop replacement on US 74 (Wilkinson Boulevard). The Municipality shall provide the plans and traffic signal design, purchase and install the traffic signal equipment, acquire any needed right of way, and relocate and adjust utilities. The Department shall reimburse the Municipality for actual costs of the project not to exceed \$115,000.

City of Charlotte
Mecklenburg County
37612

This project consists of the design and installation of video detection and loop replacement on NC 51 (Pineville-Matthews Road). The Municipality shall provide the plans and traffic signal design, purchase and install the traffic signal equipment, acquire any needed right of way, and relocate and adjust utilities. The Department shall reimburse the Municipality for actual costs of the project not to exceed \$160,000.

Union County Public Schools
Union County
36249.2184

This project consists of the installation of a fully actuated traffic signal at the intersection of SR 1504 (Ridge Road) and SR 1528 (Friendly Baptist Church Road)/Proposed School Main Entrance. The County shall prepare the project plans and traffic signal design, furnish and install traffic signal equipment, relocate and adjust utilities, acquire any needed right of way,

and reimburse the Department 100% of the actual costs of said work for review and approval. (Estimated cost to the County is \$5,000).

Town of Matthews
Mecklenburg County
10.3060035

This project covers the “clean up” mowing of state system streets within the municipal limits of the Town of Matthews. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department shall reimburse the Town up to \$9,580.69 for three mowing cycles for a two-year period.

North Carolina Department of Corrections
Stanly County
36249.2187

This project consists of performing miscellaneous grading at the DOC Facility on Airport Road in Stanly County, including cutting ditches to outfall culverts, re-establishing ditches on outside shoulder of perimeter road, building shoulders on outside lane of perimeter road and other miscellaneous items. The DOC shall prepare the environmental and/or planning document, including any environmental permits, plans, contractor specifications and estimates (PS&E package), acquire any necessary right of way and/or construction easements, and relocate and adjust utilities. The Department shall construct the project. The DOC shall reimburse the Department 100% of the actual cost of the work performed by the Department. (Estimated cost to the DOC is \$6,500).

Division 11

County of Yadkin
Arlington Volunteer Fire Department
Yadkin County
39144

This project consists of paving the entrance to the bay doors at the Arlington Volunteer Fire Department on US 21 in Arlington. The County/VFD shall prepare the environmental and/or planning document, obtain any environmental permits, plans, contractor specifications

(PS&E package), construct the project, relocate and adjust utilities and acquire any needed right of way. The Department shall reimburse the County a lump sum payment in the amount of \$3,300.

Paul Brown Enterprises, Inc.
Watauga County
36249.2181

This project consists of the installation of inductive detection loops and lead-in cable needed to accommodate construction of a driveway connection on US 321 in Boone. The Department shall provide the plans and traffic signal designs, furnish and install the traffic signal equipment. The Developer shall relocate and adjust utilities, acquire any needed right of way, and reimburse the Department 100% of the actual cost of the work performed by the Department. (Estimated cost to the Developer is \$1,250).

Ragapple Lassie Vineyards
Yadkin County
36249.15

This project consists of the installation of eleven (11) directional signs at locations in reasonable close proximity to the facility near Boonville. The Department shall be responsible for the sign and support design, sign fabrication, preliminary investigation, construction inspections, and final inspection for said signs. The Facility, and or its agent, shall pick-up, transport and install signs and provide traffic control for sign installations, relocate and adjust utilities, acquire any needed right of way and reimburse the Department a lump sum payment in the amount \$16,099.59.

Division 12

County of Gaston
Gaston County
36656

This project consists of grading, basing, paving and installing curb and gutter of approximately 300 feet of access road (36" wide) to the new Gaston County Visitor's Center located at the southwest corner of the intersection of Interstate I-85 and Highway 7 (Belmont/Mount Holly Road).

Gaston County School System
Gaston County
36249.2185

The County shall prepare the environmental and/or planning document, obtain any environmental permits, plans, contractor specifications (PS&E package), construct the project, relocate and adjust utilities and acquire any needed right of way. The Department shall participate in the actual construction cost of the project not to exceed \$175,000.

This project consists of the installation of a new signal for Sadler Elementary School (new school) at their entrance with US 29-74 in western Gaston County. The School System shall prepare the project plans and traffic signal design, furnish and install traffic signal equipment, relocate and adjust utilities, acquire any needed right of way, and reimburse the Department 100% of the actual costs of said work for review and approval. (Estimated cost to the School System is \$7,000).

Division 13

Burke County Public Schools
Burke County
13C.012077

This project consists of the resurfacing the bus drive at Forest Hill Elementary School, including placing ASCS type S9.5A at a depth of 1.5" on Ann Street to Ann Street, an approximately 890 square yards. The School System shall prepare the environmental and/or planning document, including any environmental permits, plans,

Carroll Investment Property
Buncombe County
36249.2182

contractor specifications and estimates (PS&E package), acquire any necessary right of way and/or construction easements, relocate and adjust utilities, administer the construction contract and construct the project. The Department shall reimburse the School System a lump sum payment in the amount of \$3,375 upon completion and acceptance of the project.

This project consists of the installation of a standard signal with metal strain poles at the intersection of US 25 (Hendersonville Road) and Ascot Point Circle in Ascot Park Village. The Department shall provide the plans and traffic signal designs, furnish and install the traffic signal equipment. The Developer shall acquire any needed right of way, relocate and adjust utilities, and reimburse the Department 100% of the actual cost of the work performed by the Department. (Estimated cost to the Developer is \$75,000).

Division 14

Georgia Department of Transportation
Macon County
45267

This project consists of paving two sections of NC 106 (GA 246) for approximately 1301 feet and 2111 feet in length, including patching, leveling, resurfacing with 1 1/4" of 9.5 mm Superpave, GP2. Georgia DOT shall prepare the environmental and/or planning document, obtain any environmental permits, plans, contractor specifications

(PS&E package), construct the project, relocate and adjust utilities and acquire any needed right of way. The Department shall participate in the cost of the project not to exceed \$79,817.55.

Glade Land Fund, LLC
Henderson County
36249.2186

This project consists of the modifications to signal 14-1144, located at the intersection of SR 1006, Howard Gap Road, and the entrance to Fletcher Elementary School. Fox Glen Drive will be constructed opposite the entrance to Fletcher Elementary School and placed under control of signal 14-1144. The Department shall prepare the plans and traffic signal designs, furnish and install the traffic signal equipment. The Developer shall relocate and adjust utilities, acquire any needed right of way, and reimburse the Department 100% of the actual cost of all work performed by the Department. (Estimated cost to the Developer is \$15,000).

U. S. Department of Agriculture
National Forests in North Carolina
Mountain Waters Scenic Byway
Macon and Swain Counties
01-CO-11081116-225

This Supplemental Agreement provides for the extension to May 30, 2005 in lieu of May 30, 2004 for developing a corridor management plan, installing various directional and informational signing, and implementing minor physical parking improvements.

U. S. Department of Agriculture
National Forests in North Carolina
Cheroke National Scenic Byway
Graham Counties
01-CO-11081116-226

This Supplemental Agreement provides for the extension to May 30, 2005 in lieu of May 30, 2004 for developing and implementing a vegetative management plan, planning and hosting a local byway conference, and attending a National Scenic Byway conference.

Approval - State Highway System Changes

Following the recommendation of Laurie Smith, Manager of the Funds Administration Section, a motion was made by Board Member Sewell, seconded by Board Member Cowell, and the vote was unanimous in approving the following additions and deletions to the State Highway System:

Additions To The State Highway System

BOT approval of the following will be retroactive to June 30, 2004

Division	County	Municipality	Road	Termini	Length
1	Northampton	Gaston	Firman Myrick St.	To add Firman Myrick Street from SR 1209 for a distance of 0.40 mile.	0.40
5	Wake	Cary	Silvergrove Drive	To add Silvergrove Drive formerly Gallup Road.	0.12
10	Union	Indian Trail	Mossy Cup Lane	To add Mossy Cup Lane in the Wincrest Subdivision.	0.22
			Paperback Drive	To add Paperback Drive in the Wincrest Subdivision.	0.23
			Odessa Place	To add Odessa Place in the Wincrest subdivision.	0.08
		Weddington	Song Sparrow Drive	To add Song Sparrow Drive in the Weddington Heights Subdivision.	0.10
			Morning Dove Drive	To add Morning Dove Drive in the Weddington Heights Subdivision.	0.67
14	Macon	Highlands	Bowery Road	To add Bowery road, SR 1604 extention.	1.74

Deletions From The State Highway System

BOT approval of the following will be retroactive to June 30, 2004

Division	County	Municipality	Road	Termini	Length
5	Vance	Henderson	SR 1119	To delete a portion of SR 1119 Julian Avenue for a distance of 0.22 miles.	0.22
10	Anson	Ansonville	SR 1666	To delete from Maynard Avenue to Maynard Avenue.	0.20

Mecklenburg	Davidson	SR 2409	To delete from SR 2693 for a distance of 0.79 mile.	0.79
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Approval – Ecosystem Enhancement Program

Following the recommendation of Laurie Smith, Manager of the Funds Administration Section, a motion was made by Board Member Blount and seconded by Board Members Sewell and Wilson to approve the following:

Board Member Szlosberg dissented from the majority vote.

The Board approved \$10,000,000.00 for the continuation of the program until the next board meeting. Secretary Tippet will appoint a committee to review the EEP and report back to the Board in August.

Approval - Preliminary Right of Way Plans

The Following resolution was unanimous approved upon a motion by Board Member White, which was seconded by Board Member Erby:

Whereas, the Preliminary Right of Way Plans for the below projects, including Secondary Roads and Industrial Access Roads, provide for the construction, design, drainage and control of access as shown on the respective plans; and

Whereas, based upon the recommendations of the Manager of the Right of Way Branch, the Board finds that such rights of way as shown on these preliminary plans and drawings, including existing public dedicated right of way, are for a public use and are necessary for the construction of said projects; and

Whereas, the rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right

of ways plans and drawings for said projects on file in the Right of Way Branch in the Department of Transportation in Raleigh.

Now, therefore, it is hereby ordained that the Board finds such right of way acquisition to be necessary and hereby authorizes the Right of Way Branch to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

(Division 3)

New Hanover County; I.D. No. N/A:

Intersection of SR 1327 (Farley Drive) and SR 1322 (Bavarian Lane)

(Division 4)

Wilson County, I.D. No. U-3823:

Wilson – SR 1158 (Airport Blvd.) from NC 42 west to US 264

(Division 8)

Randolph County, I.D. No. N/A:

Intersection of SR 1592 (Eden Terrace) and Callahan Street in Archdale

Richmond County, I.D. No. N/A:

Relocation of SR 1466 (Sycamore Lane)

(Division 9)

Rowan/Davie County, I.D. No. B-4256:

Bridge No. 80 over the South Yadkin River on NC 801

(Division 12)

Cleveland County, I.D. No. B-3828:

Bridge No. 233 over Buffalo Creek on SR 1906

(Division 13)

Buncombe County, I.D. No. B-3119:

Bridge No. 653 over the Broad River on SR 2804 & Bridge No. 654 over Sandy Branch Creek on SR 2786

Buncombe County, I.D. No. U-3302:

Asheville – Intersection of I-240, US 25 (Merrimon Ave.) & SR 1781 (Broadway St.)

Approval - Final Right of Way Plans

Upon a motion by Board Member White, seconded by Board member Erby, the following resolution was unanimously approved:

Whereas, right of way acquisition in accordance with the preliminary right of way plans on file in the Right of Way Branch has been determined to be necessary for public use and was authorized by the Board; and

Whereas, certain changes in the right of way have necessitated alteration of the preliminary right of way plans; and

Whereas, final plans have been prepared and provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

Now, therefore, it is hereby ordained that the rights of way for the location, design and construction of highways embraced in the following projects shall be as shown in detail on the final plans for said projects as follows:

(Division 2/3)

Project No. 32767.2.2, Carteret/Onslow County, I.D.No. B-2938:

Grading, drainage, paving and structures at bridge over White Oak River and approaches on SR 1101 in Carteret County and SR 1442 in Onslow County, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 1 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

(Division 5)

Project No. 33130.2.2, Wake County, I.D.No. B-3521:

Grading, drainage, paving and structure at bridge over Middle Creek and approaches on SR 1006, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 2 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

Project 33189.2.2, Granville County, I.D. No. B-3643:

Grading, drainage, paving and structure at bridge over Hatcher's Run and approaches on SR 1004, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 3 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

(Division 7)

Project 35013.2.1, Guilford County, I.D. No. U-4015B:

Grading, drainage, paving, and signals at SR 1556 from south of International Drive to SR 1008 and SR 1008 from east of SR 1556 to west of SR 1556, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 4 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

Project 32911.2.1 & 32976.2.2, Guilford County, I.D. No. B-3174 & B-3272:

Grading, paving, drainage, guardrail and structures at bridge #306 over NC 6 and bridge #318 on McConnell Road over US 29/70/220/421, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 5 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

(Division 11)

Project No. 33250.2.2, Watauga County, I.D. No. B-3710:

Grading, drainage, paving and culvert at culvert on Brushy Fork Creek and approaches on SR 1117, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 6 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

(Division 13)

Project No. 33170.2.2, Burke County, I.D. No. B-3622:

Grading, drainage, paving and structure at bridge over Little Creek and approaches on SR 1900, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 7 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

Project No. 33107.2.2, Madison County, I.D. No. B-3491:

Grading, drainage, paving and structure at bridge over East Fork Bull Creek and approaches on SR 1369, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 8 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

Project No. 33168.2.2 Burke County, I.D. No. B-3620:

Grading, drainage, paving and structure at bridge over Henry Fork River and approaches on SR 1001, with the right of way indicated upon the final plans for said project, the same being identified as Addendum 9 of the July 8, 2004 Board of Transportation meeting and incorporate herein by reference.

Approval - Revisions of Final Right of Way Plans

Upon a motion by Board Member White, seconded by Board Member Erby, the following resolution was unanimously approved:

Whereas, right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated; and

Whereas, certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access; and

Whereas, the Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

Now, therefore, it is hereby ordained that the right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

(Division 4)

Project 8.1330508; I. D. No. R-1030AA; Wayne County:

Final right of way plans approved as Addendum 2 to the minutes of the January 8, 2003 Board of Transportation meeting. Revised additional right of way, easements, or control of access shown on Addendum 10 to the minutes of the July 8, 2004 Board of Transportation meeting and incorporated herein by reference.

(Division 5)

Project 8.1403901, I. D. No. R-2906A; Wake County:

Final right of way plans approved as Addendum 5 to the minutes of the June 5, 2003 Board of Transportation meeting. Revised additional right of way, easements, or control of access shown on Addendum 11 to the minutes of the July 8, 2004 Board of Transportation meeting and incorporated herein by reference.

(Division 7)

Project 6.498005B; I. D. No. U-2524BA; Guilford County:

Final right of way plans approved as Addendum 6 to the minutes of the August 7, 2003 Board of Transportation meeting. Revised additional right of way, easements, or control of access shown on Addendum 12 to the minutes of the July 8, 2004 Board of Transportation meeting and incorporated herein by reference.

(Division 9)

Project 9.8091857; I. D. No. U-2526; Forsyth County:

Final right of way plans approved as Addendum 20 to the minutes of the June 5, 2003 Board of Transportation meeting. Revised additional right of way, easements, or control of access shown on Addendum 13 to the minutes of the July 8, 2004 Board of Transportation meeting and incorporated herein by reference.

(Division 10)

Project 6.689003T (34355.2.4); I. D. No. R-967CB; Stanly County:

Final right of way plans approved as Addendum 10 to the minutes of the January 8, 2004 Board of Transportation meeting. Revised additional right of way, easements, or control of access shown on Addendum 14 to the minutes of the July 8, 2004 Board of Transportation meeting and incorporated herein by reference.

(Division 13)

Project 8.1844602 (33043.2.2); I. D. No. B-3414; Buncombe County:

Final right of way plans approved as Addendum 5 to the minutes of the April 1, 2004 Board of Transportation meeting. Revised additional right of way, easements, or control of access shown on Addendum 15 to the minutes of the July 8, 2004 Board of Transportation meeting and incorporated herein by reference.

Approval - Acquisition of Structures Partially Outside the Right of Way

The following resolution was approved upon a motion by Board Member White, which was seconded by Board Member Erby:

Whereas, the preliminary right of way plans for the following highway projects necessitate the acquisition of a part of certain buildings or structures located within the right of way of projects; and

Whereas, based upon the recommendation of the Manager of the Right of Way Branch and affidavits of independent real estate appraisers, the Board finds that the partial taking of the buildings or structures will substantially destroy the economic value or utility of the buildings or structures; and

Whereas, the Board finds that such acquisition of the structures or parts thereof outside the right of way are for a public use and are necessary for the construction of the projects.

Now, therefore, it is hereby ordained that the Right of Way Branch has been directed to acquire the below described buildings or structures in their entirety for the construction of the listed projects. The Attorney General, if necessary, is requested to institute proceedings to acquire the buildings or structures in their entirety, together with the right to enter upon the surrounding lands for the purpose of removing the buildings or structures.

(Division 9)

I. D. No. R-2568B, Davidson County, WBS Element 34468.2.3:

Parcel 015, Samuel Gordon Myers, et al, a one-story frame shed located right of Survey Station 34+40, Survey Line L.

Parcel 017, Joan C. Saintsing, a one-story frame shed located right of Survey Station 35+10, Survey Line L.

Parcel 022, Mark A. Wood, et al , a two-story frame barn located left of Survey Station 38+20, Survey Line L.
Parcel 035, Terry Ferrell, a one-story frame shed located right of Survey Station 51+25, Survey Line L.
Parcel 035, Terry Ferrell, a two -story frame barn located right of Survey Station 51+40, Survey Line L.
Parcel 035, Terry Ferrell, a one-story frame shed located right of Survey Station 51+80, Survey Line L.
Parcel 038, Troy Curry, Jr., a two -story frame dwelling located left of Survey Station 53+40, Survey Line L.
Parcel 043, Burley Black, et al, a one-story frame shed located left of Survey Station 56+20, Survey Line L.
Parcel 043, Burley Black, et al, a three-story frame barn located left of Survey Station 56+60, Survey Line L.
Parcel 055, William Hiatt, et al, a one-story frame dwelling located left of Survey Station 71+30, Survey Line L.
Parcel 061, Linda Eggers, a one-story frame shed located right of Survey Station 12+60, Survey Line Y11.
Parcel 068, Terry Smith, et al, a one-story frame dwelling located left of Survey Station 75+80, Survey Line L.
Parcel 68, Terry Smith, et al, a one-story frame dwelling located left of Survey Station 76+20, Survey Line L.

(Division 11)

I. D. No. B-3808, Avery County, WBS Element 33263.2.1:

Parcel 004, Samuel Hughes, a doublewide mobile home located right of Survey Station 17+00, Survey Line L.

(Division 14)

I. D. No. B-3663, Henderson County, WBS Element 33208.2.1:

Parcel 003, Ronald R. and Elizabeth J. Medders, a metal shed located right of Survey Station 14+25, Survey Line L.

Approval of Conveyance of Highway Right of Way Residue

“It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Branch, and on a motion by Board Member White, seconded by Board Member Erby that the following highway right of way conveyances are approved:

(Division 1)

Project 6.139003T, US 64, Tyrrell County:

Conveyance of approximately 0.33 acre residue, formerly owned by Wilbert Fenner Heirs (Parcel 020), having an appraised value of \$1,250.00 to Louella V. Ward, the only interested adjacent owner, for the sum of \$1,250.00.

(Division 3)

Project 8.13536, SR 1516 (Navaho Trail), New Hanover County:

Conveyance of approximately 1.51 acre area of residual property acquired by the Department in 1995 from Nathan S. Sanders and wife Judia B. Sanders having an appraised value of \$44,725.00 to Randy Thomas Russell, the high bidder after public advertisement for the bid sum of \$57,000.00.

(Division 7)

Project 6.498005B (34820.2.12), Greensboro Western Loop, Guilford County:

Conveyance of approximately 3.59 acre residue, formerly owned by Lewis Investment (Parcel 533) and Lindley Nurseries (Parcel 926), having a combined appraised value of \$203,600.00 to THE SHERWIN-WILLIAMS COMPANY, AN OHIO CORPORATION, as part of the settlement of its right of way claim with the Department.

Project 6.498008T (34159.2.2), Greensboro Bypass South, Guilford County:

Conveyance of approximately 11.82 acre residue, formerly owned by C. L. McIntire (Parcel 012), Carl Lee McIntyre (Parcel 025), Annie M. East (Parcel 026), Minnie J. Carter (Parcel 027), W. Marcus Short (Parcel 063), having a combined appraised value of \$28,500.00 to Christ Covenant Church, Inc., as part of the settlement of its right of way claim with the Department.

Project 8.U492303 (34159.2.11), Greensboro Bypass, Guilford County:

Conveyance of approximately 3.0 acre landlocked residual property acquired by the Department in 2000 from Sarah Baity Thomas having an appraised value of \$3,000.00 to Charles Lowdermilk, the only interested adjacent owner, for the sum of \$9,105.00.

(Division 10)

Project 6.678015T (34379.2.10), Charlotte Outerloop, Mecklenburg County:

Conveyance of approximately 0.42 acre residue, formerly owned by Robert P. Lee (Parcel 013), having an appraised value of \$16,375.00 to W. Chad Earp, Single, the highest bidder after public advertisement, for the bid sum of \$21,400.00.

Approval of Conveyance of Surplus Highway Right of Way

“It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Branch, and on a motion by Board Member White, seconded by Board Member Erby that the following highway right of way conveyances are approved:

(Division 14)

Project 8.1991001 US 19/74 west of the T. A. Sandlin Bridge, Swain County:

Conveyance of approximately 1.15 acre area of surplus right of way acquired by the Department in 1991 from Edd Cooper and wife, Austrella H. Cooper having an appraised value \$24,225.00 to Harrie Parton, the only interested adjacent owner for the sum of \$24,225.00.

Approval - Advance Acquisition of Highway Right of Way

Upon recommendation of the Manager of the Right of Way Branch, and on a motion by Board Member White, seconded by Board Member Erby, the Board approved the acquisition of the following properties through negotiation or condemnation for purposes of highway construction in order to prevent undue hardship on property owners or to protect the right of way corridor from development prior to regular project approval. The Board finds such acquisitions to be necessary, and hereby authorizes the Right of Way Branch to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

(Division 3)

Property of D. M. Sellers
I.D. No. R-2633 A, Parcel #901,
WBS 34491.2.8, F. A. Project N/A,
County of Brunswick

(Division 7)

Property of Hubert Quick
I.D. No. U-3615 B, Parcel #907,
WBS 34962.2.3, F. A. Project STP-1820(5),
County of Guilford

Property of Owen and Sandra Strickland
I.D. No. U-3615 B, Parcel #908,
WBS 34962.2.3, F. A. Project STP-1820(5),
County of Guilford

Property of Bill and Judy Reinhold
I.D. No. U-3615 B, Parcel #909,
WBS 34962.2.3, F. A. Project STP-1820(5),
County of Guilford

Approval - Authorization to Condemn Right of Way for Secondary Road Project

The Department has been unsuccessful in acquiring certain right of way for Secondary Roads; and the indemnity bond for the cost of any condemnation proceeding required is being secured in keeping with the Secondary Roads Policy of the Department.

Upon recommendation of the Chief Engineer, and on a motion by Board Member White, seconded by Board member Erby, the Board approved the Right of Way Branch to acquire right of way by condemnation through the Attorney General's office for the following parcel(s):

(Division 7)

CLAIM OF: George Beliczky, et al
WBS # : 7C.079110
PARCEL #: 079SR2115 002
COUNTY: Rockingham
SR #: 2115
Dallas Road

**Approval - Recommended Allocation of Highway Maintenance Appropriations -
Fiscal Year 2004-2005**

Pursuant to the recommendation of Lacy Love, Director of Asset Management, a motion was made by Board Member Blount, seconded by Board Member Perkins, and the vote was unanimous in approving the Recommended Allocation of Highway Maintenance Appropriations - Fiscal Year 2004-2005 as presented.

At the time of preparation of this agenda item, the 2004 General Assembly had not ratified the current appropriations act. Accordingly, it is recommended that Maintenance allocations be made in accordance with the continuation budget as shown on Page 5. The Contract Resurfacing Allocation will be submitted at a later date.

ROAD MAINTENANCE

This item, listed under the Primary, Secondary, and Urban Systems, will be utilized for the purposes of continuing routine maintenance activities including pavement patching, retreatment, traffic services, landscape, drainage, unpaved shoulders, snow and ice control, litter pickup, and other similar maintenance activities. These expenditures will include both contract and force account maintenance. Further detail regarding recommended allocations of these funds to Division/Counties are addressed under Schedules I, II, and III.

BRIDGE MAINTENANCE – DIVISIONS

These funds will be utilized for the maintenance of existing bridges including foundations, support bents, flooring and rails in order to maintain the structural integrity of the bridges. The replacement of critical small bridges and pipes is also eligible for funding under this allocation. The amounts recommended for bridge maintenance activities are based upon a maintenance needs inspection, numbers of deficient structures, structures with timber components, and school bus loading of each state highway system bridge. Further details regarding recommended allocations of Division funds are addressed on Page 16.

BRIDGE MAINTENANCE – CENTRAL

These funds will be utilized for the rehabilitation and repair of concrete bridge decks, maintenance painting, and the repair or replacement of draw bridge electrical components and equipment, and maintenance of navigational lighting systems on high level bridges located over navigational waterways.

WEIGH STATIONS

This item will be utilized for the purpose of maintaining nineteen (19) weigh stations at nine (9) locations across the state on the Primary Highway System. These expenditures will include both contract and force account maintenance.

CONDITION ASSESSMENT AND PERFORMANCE SURVEY

These funds will be used to conduct an assessment of the condition of the State Highway System in the respective divisions for the purpose of developing performance measures and guidelines for the maintenance of the department's highway assets. Data collected from these surveys will be used to develop individual maintenance plans for each division based on consistent performance measures and goals. This will allow the divisions to set realistic maintenance targets and levels of service based on available funding and an objective method of evaluating their performance.

INMATE LABOR

These funds will be expended as reimbursement to the Department of Correction for the daily furnishing of minimum and medium custody inmates to the Department of Transportation for highway purposes. This cost is apportioned to the Primary, Secondary, and Urban Systems on the basis of the direct maintenance appropriations.

HISTORICAL MARKERS

This item, listed under the primary system only, will be utilized for the purchase and erection of Historical Markers on sites selected by the Department of Cultural Resources in accordance with General Statute 136-42.3.

RENOVATION OF REST AREAS

These funds will be utilized for the purpose of making maintenance repairs to rest areas located along Interstate and Primary System Routes. The work will include: painting; replacement of floors; bathroom renovations to include replacement of the tile and fixtures; roof replacements; improvements to heating and ventilation; additions of sidewalks; correction of safety hazards; and correction of water and sewer problems.

MAJOR EVENTS

This allocation will assist Divisions in providing traffic control support to Law Enforcement Agencies at major events such as automobile races, golf tournaments, etc.

STATE PARK MAINTENANCE

These funds listed under the secondary maintenance appropriation will be used for maintenance of state park roads as required by G. S. 136-44.12

MAINTENANCE SYSTEMS IMPROVEMENT

This allocation will be used to research, develop, and implement state of the art maintenance technologies, practices, and procedures. The major objective of this program is to improve maintenance efficiencies, improve cost effectiveness, and improve maintenance procedures.

NPDES – NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

These funds will be utilized for the purpose of facility improvements or installation of retrofit devices for stormwater run off at Division of Highways maintenance facilities in order to comply with the requirements of the National Pollutant Discharge Elimination System permit.

DRUG AND ALCOHOL TESTING

In December of 1994, the Board of Transportation approved allocations to perform drug and alcohol testing to comply with rules and regulations established by the U.S. Department of Transportation. The Department's Drug and Alcohol Testing Program was implemented, and all employees who have a commercial drivers license are being randomly tested for drugs and alcohol.

MAINTENANCE AND REPAIR OF GUARDRAIL

This item, listed under the Primary and Urban systems, represents funds, which will be utilized for the purpose of making maintenance repairs to guardrail, cable guiderail, concrete barriers, anchor end treatments, and other related guardrail items.

SNOW AND ICE COSTS

These funds listed under the Primary, Secondary, and Urban Systems will be utilized for snow and ice costs.

SIGNAL HEAD REPLACEMENT

These funds will be used to continue the program to upgrade existing signalized intersections, which are not in conformance with the current MUTCD requirements.

RAILROAD SIGNALS

These funds will be utilized to reimburse various Railroad Companies for maintenance of railroad crossing signals necessitated by State System Highway Railroad Crossings. The proposed expenditures are in accordance with existing agreements with the affected Railroad Companies.

BEAVER CONTROL

The North Carolina Beaver Management Assistance Program is a program established by the North Carolina State Legislature with the purpose of "controlling beaver damage on private and public lands" by providing landowner assistance in beaver control and management. The DOT has provided support in an advisory role and by an annual contribution since the program's inception to supplement work performed for the protection of DOT assets and allows DOT maintenance forces more flexibility in utilizing their limited resources on mission critical activities.

LITTER REMOVAL

These funds will be used to establish contracts to pick up litter in areas of the State that do not have inmate labor available on interstate and major primary routes. This effort will be combined with the inmate labor program to provide statewide coverage of litter removal crews on the heaviest traveled routes to enhance the scenic beauty of North Carolina.

MAINTENANCE AND TECHNICAL TRAINING

The purpose of this line item, as set forth under Primary, Secondary, and Urban Maintenance, is to provide funding for the Division of Highways to administer critical maintenance personnel training needs. Needs have been identified in the areas of management, supervisory and technical expertise to include employee safety.

EMERGENCY OPERATIONS

These funds will be used to cover previously incurred expenditures for emergency operations, which cannot be collected from other sources.

UNALLOCATED APPROPRIATIONS

This item represents funds, which will not be recommended for allocation until the budget bill is finalized by the 2004 General Assembly

FLEXIBLE MAINTENANCE FUNDS

Beginning in 1999, the General Assembly has provided additional maintenance dollars to help address maintenance needs identified by the Department's Maintenance Condition Assessment Program. These funds will be utilized to augment TIP R-4701 for Traffic Signal Maintenance, and for Pavement and System Preservation purposes. Further details regarding recommended allocations to Divisions are addressed on Page 17.

<u>SCHEDULE I – PRIMARY SYSTEM</u>	<u>TOTAL ALLOCATION</u>
Road Maintenance	\$53,962,164
Bridge Maintenance (Central)	2,704,190
Bridge Maintenance (Divisions)	8,693,000
Weigh Stations	300,000
Inmate Labor	9,154,000
Historical Markers	40,000
Renovation of Rest Areas	1,000,000
Maintenance & Repair of Guardrail	6,000,000
Drug and Alcohol Testing	175,000
Major Events	350,000
National Pollutant Discharge Elimination	1,250,000
Railroad Signals	136,802
Beaver Control	53,000
Snow and Ice Costs	32,500,000
Litter Removal	310,000
Maintenance Systems Improvements	75,000
Management and Technical Training	200,000
Condition Assessment	150,000
Emergency Work Orders	1,500,000
Unallocated	2,000,000
SUB-TOTAL	\$120,553,156
<u>SCHEDULE II – SECONDARY SYSTEM</u>	
Road Maintenance	\$148,627,767
Bridge Maintenance (Central)	1,213,749
Bridge Maintenance (Divisions)	31,807,300
Inmate Labor	2,310,000
Railroad Signals	945,523
State Park Maintenance	500,000

Beaver Control	157,000
Snow and Ice Costs	13,000,000
Maintenance Systems Improvements	25,000
Management and Technical Training	500,000
Condition Assessment	300,000
Unallocated	7,000,000
SUB-TOTAL	<u>\$206,386,339</u>
SCHEDULE III – URBAN SYSTEM	
Road Maintenance	\$23,217,811
Bridge Maintenance (Central)	1,581,761
Bridge Maintenance (Divisions)	5,000,000
Inmate Labor	36,000
Railroad Signals	977,978
Signal Head Replacement	500,000
Snow and Ice Costs	4,500,000
Condition Assessment	250,000
Maintenance and Technical Training	50,000
Emergency Work Orders	1,000,000
Maintenance & Repair of Guardrail	1,000,000
Unallocated	1,000,000
SUB-TOTAL	<u>\$39,113,550</u>
SCHEDULE IV – FLEXIBLE MAINTENANCE FUNDS	<u>\$50,213,685</u>
TOTAL	<u>\$416,266,730</u>
SCHEDULE V – CONTRACT RESURFACING	
Contract Resurfacing (All Systems)	<u>\$0</u>
SUB-TOTAL	<u>\$0</u>
GRAND TOTAL	<u>\$416,266,730</u>

SCHEDULE I – PRIMARY SYSTEM

In accordance with recommended allocations listed on Page 5, \$53,962,164 are available for allocation to the Divisions for primary road maintenance. The staff recommends the following allocation formula:

- (a) A direct allocation to appropriate Divisions for the estimated cost of: (1) rest area and welcome center maintenance; (2) roadway lighting; (3) electricity for traffic control devices; (4) electricity for sign lighting; and (5) specialized landscape maintenance
- (b) The balance of road maintenance funds available to be allocated to the Divisions on the basis of each Division's pro-rata share of statewide primary lane mileage.

PRIMARY SYSTEM

<u>DIVISION</u>	<u>TOTAL ALLOCATION</u>
1	\$4,564,080
2	3,413,414

3		4,357,775
4		5,973,462
5		3,898,924
6		4,444,093
7		3,300,277
8		3,600,473
9	-	2,867,952
10		1,894,568
11		3,467,784
12		3,470,617
13		4,183,177
14		4,525,568
SUB-TOTAL		<u>\$53,962,164</u>

Bridge Maintenance (Central)	\$2,704,190
Bridge Maintenance (Divisions)	8,693,000
Weigh Stations	300,000
Inmate Labor	9,154,000
Historical Markers	40,000
Renovation of Rest Areas	1,000,000
Maintenance & Repair of Guardrail	6,000,000
Drug and Alcohol Testing	175,000
Major Events	350,000
National Pollutant Discharge Elimination	1,250,000
Railroad Signals	136,802
Beaver Control	53,000
Snow and Ice Costs	32,500,000
Maintenance Systems Improvements	75,000
Management and Technical Training	200,000
Condition Assessment	150,000

Litter Removal	310,000
Emergency Work Orders	1,500,000
Unallocated	2,000,000
SUB-TOTAL	<u>\$66,590,992</u>
TOTAL	<u>\$120,553,156</u>

SCHEDULE II – SECONDARY SYSTEM

In accordance with recommended allocations listed on Page 5, \$148,627,767 are available for allocation to the counties for the purposes of routine secondary road maintenance.

The staff recommends the following allocation formula:

- (a) \$5,000,000 distributed as a uniform allocation of \$50,000 to each county. This relatively small, uniform lump sum allocation has proven to provide a slightly higher proportionate share of the total allocation to smaller counties and allow them to carry out a more effective program. The amount of reduction to the larger counties will not significantly reduce their maintenance program.
- (b) Reimbursement of \$259,000 to appropriate counties for operation of River Ferries in Divisions 1 and 6, \$5,000 for maintenance of the PCB Landfill in Division 5, and \$10,000 for landscape maintenance in preparation for the 2005 US Open in Division 8.
- (c) A direct allocation totaling \$244,064 to the Divisions for the estimated cost of electricity for traffic control devices.
- (d) Of the remaining \$143,109,703 available, in order to support the continuing need for paved road maintenance activities such as, patching, force account retreatment, maintenance of unpaved shoulders, drainage maintenance, and traffic services maintenance, it is recommended that 92% be allocated for paved road maintenance and the remaining 8% be allocated for unpaved road maintenance including blading and stabilization of unpaved roads, drainage, signs, and other related activities shown on pages 10 through 13.

SECONDARY SYSTEM

<u>DIVISION</u>	<u>TOTAL ALLOCATION</u>
1	\$9,199,732
2	9,156,603
3	9,975,281
4	11,033,999
5	12,902,634
6	11,664,742
7	9,970,904
8	12,907,526
9	9,987,761
10	9,544,489
11	11,665,078
12	11,688,487

13		9,585,898
14		9,344,633
	SUB-TOTAL	<u>\$148,627,767</u>
Bridge Maintenance (Central)		\$1,213,749
Bridge Maintenance (Divisions)		31,807,300
Inmate Labor		2,310,000
Railroad Signals		945,523
State Park Maintenance		500,000
Beaver Control		157,000
Snow and Ice Costs		13,000,000
Maintenance Systems Improvement		25,000
Management and Technical Training		500,000
Condition Assessment		300,000
Unallocated		7,000,000
	SUB-TOTAL	<u>\$57,758,572</u>
	TOTAL	<u>\$206,386,339</u>

SECONDARY SYSTEM

<u>DIVISION 1</u>	<u>TOTAL ALLOCATION</u>
<u>County Name</u>	
Bertie	\$1,192,784
Camden	408,180
Chowan	495,224
Currituck	553,559
Dare	314,055
Gates	673,333
Hertford	855,473
Hyde	470,346
Martin	968,841
Northampton	1,038,523
Pasquotank	644,146,

Perquimans	674,139
Tyrrell	375,368
Washington	535,761
Division Total:	<u>\$9,199,732</u>

Division 2

<u>County Name</u>	
Beaufort	\$1,622,937
Carteret	716,099
Craven	1,365,877
Greene	882,554
Jones	605,044
Lenoir	1,443,597
Pamlico	521,005
Pitt	1,999,490
Division Total:	<u>\$9,156,603</u>

Division 3

<u>County Name</u>	
Brunswick	\$1,340,937
Duplin	2,132,503
New Hanover	986,818
Onslow	1,546,916
Pender	1,224,083
Sampson	2,744,024
Division Total:	<u>\$9,975,281</u>

Division 4

<u>County Name</u>	
Edgecombe	\$1,137,420
Halifax	1,570,546
Johnston	3,106,634
Nash	1,839,250
Wayne	2,064,366
Wilson	1,315,783
Division Total:	<u>\$11,033,999</u>

TOTAL ALLOCATION

Division 5

<u>County Name</u>	
Durham	\$1,435,956
Franklin	1,529,582
Granville	1,654,629

Person	1,338,309
Vance	935,011
Wake	4,721,622
Warren	1,287,525
Division Total:	<u>\$12,902,634</u>

Division 6

<u>County Name</u>	
Bladen	\$1,447,627
Columbus	2,176,225
Cumberland	2,682,599
Harnett	2,099,241
Robeson	3,259,050
Division Total:	<u>\$11,664,742</u>

Division 7

<u>County Name</u>	
Alamance	\$1,817,420
Caswell	1,157,252
Guilford	3,133,417
Orange	1,677,204
Rockingham	2,185,611
Division Total:	<u>\$9,970,904</u>

Division 8

<u>County Name</u>	<u>TOTAL ALLOCATION</u>
Chatham	\$2,078,704
Hoke	973,778
Lee	889,488
Montgomery	1,202,545
Moore	2,009,160
Randolph	3,288,394
Richmond	1,450,063
Scotland	1,015,394
Division Total:	<u>\$12,907,526</u>

Division 9

<u>County Name</u>	
Davidson	\$2,913,257

Davie	985,564
Forsyth	1,948,105
Rowan	2,355,614
Stokes	1,785,221
Division Total:	<u>\$9,987,761</u>

Division 10

<u>County Name</u>	
Anson	\$1,544,767
Cabarrus	1,454,557
Mecklenburg	2,123,450
Stanly	1,626,579
Union	2,795,136
Division Total:	<u>\$9,544,489</u>

Division 11

<u>County Name</u>	
Alleghany	\$859,074
Ashe	1,550,081
Avery	603,058
Caldwell	1,241,695
Surry	2,232,199
Watauga	1,108,945
Wilkes	2,648,034
Yadkin	1,421,992
Division Total:	<u>\$11,665,078</u>

Division 12

	<u>TOTAL ALLOCATION</u>
<u>County Name</u>	
Alexander	\$1,256,838
Catawba	1,976,730
Cleveland	2,172,615
Gaston	1,801,789
Iredell	2,931,204
Lincoln	1,549,311
Division Total:	<u>\$11,688,487</u>

Division 13

<u>County Name</u>	
Buncombe	\$2,408,583
Burke	1,508,728
Madison	1,204,321

McDowell	1,098,248
Mitchell	581,553
Rutherford	2,068,331
Yancey	716,134
Division Total:	<hr/> \$9,585,898

Division 14

<u>County Name</u>	
Cherokee	\$1,131,321
Clay	537,334
Graham	451,304
Haywood	1,408,663
Henderson	1,780,038
Jackson	1,050,074
Macon	1,294,070
Polk	849,153
Swain	476,201
Transylvania	726,475
Division Total:	<hr/> \$9,344,633

GRAND TOTAL:	<hr/> \$148,627,767
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SCHEDULE III – URBAN SYSTEM

In accordance with the recommended allocations listed on Page 5, \$23,217,811 are available for allocation to the Divisions for the purpose of Urban System Road Maintenance.

The staff recommends the following allocation formula:

- (a) A direct allocation to appropriate Divisions for the estimated cost of: (1) roadway lighting; (2) electricity for traffic control devices; (3) electricity for sign lighting; (4) in Divisions 1, 2 and 10 maintaining rest areas within urban boundaries; and (5) in Divisions 5, 7, 8, 10, and 13 specialized landscape maintenance. Eleven divisions are responsible for annual roadway lighting maintenance costs ranging from \$1,000 to \$259,000 per division. Fourteen divisions are responsible for annual electricity charges related to traffic control devices ranging from \$90,000 to \$598,000 per division. Twelve divisions are responsible for annual electricity charges related to sign lighting ranging from \$3,200 to \$82,000. It is considered that within the relatively small amount of funds appropriated for urban system maintenance, these

expenditures cannot be equitably accounted for by mileage and population factors. Thus, a direct allocation to cover these costs is necessary.

- (b) The balance of funds available to be distributed to each Division on the basis of each Division's pro-rata share of statewide urban lane mileage and urban population, with lane mileage and population given equal weight.

URBAN SYSTEM

<u>DIVISION</u>	<u>TOTAL ALLOCATION</u>
1	\$783,745
2	1,214,908
3	1,129,811
4	1,456,697
5	3,169,842
6	1,236,427
7	2,759,924
8	1,139,250
9	1,721,943
10	4,461,531
11	654,288
12	1,883,186
13	1,136,637
14	469,622
SUB-TOTAL	<hr/> \$23,217,811

Bridge Maintenance (Central)	\$1,581,761
Bridge Maintenance (Divisions)	5,000,000
Inmate Labor	36,000
Railroad Signals	977,978
Signal Head Replacement	500,000
Snow and Ice Costs	4,500,000
Condition Assessment	250,000
Management and Technical Training	50,000
Emergency Work Orders	1,000,000
Maintenance and Repair of Guardrail	1,000,000
Unallocated	1,000,000
SUB-TOTAL	<hr/> \$15,895,739
TOTAL	<hr/> \$39,113,550

BRIDGE MAINTENANCE - DIVISIONS

These funds will be used for activities such as maintenance of existing bridges, including foundations, support bents, flooring, rails, and other necessary activities in order to maintain the structural integrity of the bridges. The replacement of critical small bridges and pipes is also eligible for funding under this allocation. The amounts recommended for Bridge Maintenance activities are based upon a maintenance needs inspection, numbers of deficient structures, structures with timber components, and school bus loading of each State Highway System Bridge.

The staff recommends allocation of funds by Division-wide Highway System as shown below.

DIVISION TOTALS ALL SYSTEMS

			Breakdown of Secondary Funds		
Division	Primary	Urban	Secondary Maintenance	Secondary Construction	Division Total
1	\$1,025,000	\$384,000	\$1,212,300	\$488,000	\$3,109,300
2	1,050,000	170,000	1,743,000	388,000	3,351,000
3	1,250,000	1,300,000	1,170,000	580,000	4,300,000
4	625,000	195,000	1,480,000	440,000	2,740,000
5	370,000	600,000	1,300,000	570,000	2,840,000
6	801,000	171,000	1,160,000	840,000	2,972,000
7	410,000	300,000	1,360,000	646,000	2,716,000
8	425,000	248,000	1,800,000	900,000	3,373,000
9	700,000	400,000	1,390,000	720,000	3,210,000
10	450,000	420,000	652,000	748,000	2,270,000
11	412,000	17,000	2,500,000	1,120,000	4,049,000
12	500,000	280,000	1,520,000	780,000	3,080,000
13	375,000	380,000	2,320,000	880,000	3,955,000
14	300,000	135,000	2,200,000	900,000	3,535,000
Total	8,693,000	5,000,000	21,807,300	10,000,000	45,500,300

SCHEDULE IV – FLEXIBLE MAINTENANCE FUNDS

The Continuation Budget provides for additional Highway Maintenance Funds totaling \$50,213,685. The staff recommends a direct allocation of \$5,500,000 for Traffic Signal Maintenance to be used in combination with Transportation Improvement Program R-4701, "Traffic System Operations Program", for Traffic Signal/System Maintenance. Of the remaining \$44,713,685 the staff recommends an uniform allocation of \$28,000,000 divided equally between the divisions and \$16,713,385 allocated to the Divisions based on pro-rata share of Division paved lane miles. These funds will be utilized for pavement and system preservation purposes and allocated as shown below.

DIVISION TOTALS ALL SYSTEMS FY 2004-2005

<u>DIVISION</u>	<u>UNIFORM ALLOCATION</u>	<u>FORMULA ALLOCATION</u>	<u>TOTAL ALLOCATION</u>
1	\$2,000,000	\$1,043,341	\$3,043,341
2	2,000,000	1,060,940	3,060,940
3	2,000,000	1,211,961	3,211,961
4	2,000,000	1,380,582	3,380,582
5	2,000,000	1,411,882	3,411,882
6	2,000,000	1,348,228	3,348,228
7	2,000,000	1,179,397	3,179,397
8	2,000,000	1,422,737	3,422,737
9	2,000,000	1,120,063	3,120,063
10	2,000,000	1,135,134	3,135,134
11	2,000,000	1,099,407	3,099,407
12	2,000,000	1,302,911	3,302,911
13	2,000,000	1,043,341	3,043,341
14	<u>2,000,000</u>	<u>953,761</u>	<u>2,953,761</u>
SUBTOTAL	\$28,000,000	\$16,713,685	\$44,713,685
Traffic Signal Maintenance			<u>\$5,500,000</u>
TOTAL			\$50,213,685

**RECOMMENDED ALLOCATION OF CASH BALANCES
OF THE HIGHWAY TRUST FUND FOR NC MOVING AHEAD
FOR FISCAL YEAR 2004-2005**

In accordance with House Bill 48, identified as "North Carolina Moving Ahead" ratified by the North Carolina General Assembly, the Department of Transportation is authorized to use Highway Trust Fund cash balances in the amount of 630 million dollars (\$630,000,000) in fiscal years 2003-2005 for highway system preservation, modernization, and maintenance projects that will enhance safety, reduce congestion, improve traffic flow, reduce accidents, upgrade pavement widths and shoulders, extend pavement life, improve pavement smoothness, and rehabilitate or replace deficient bridges. Each division has developed a two-year North Carolina Moving Ahead Program consistent with the intent of this legislation and established

engineering based project selection criteria. Individual projects will be submitted by the divisions to a review committee and approved by the Secretary of Transportation. In accordance with House Bill 48, economic development projects submitted by local officials may also be considered for funding through the North Carolina Moving Ahead Program. These projects will require Board of Transportation approval on an individual project basis.

Based on the applicable provisions of the Equity Formula as stated in General Statute 136-17.2A, staff recommends allocation of the \$360,000,000 for fiscal year 2004-2005 for North Carolina Moving Ahead highway and bridge projects as shown on Page 19.

**RECOMMENDED ALLOCATION OF CASH BALANCES
OF THE HIGHWAY TRUST FUND FOR NC MOVING AHEAD
FOR FISCAL YEAR 2004-2005**

<u>Division</u>	<u>Total Allocation</u>
1	\$31,428,000
2	23,400,000
3	22,140,000
4	22,068,000
5	35,856,000
6	27,432,000
7	31,248,000
8	29,232,000
9	23,004,000
10	33,300,000
11	19,548,000
12	20,952,000
13	25,272,000
14	15,120,000
Total	\$360,000,000

Approval - Senate Bill 1005 Discretionary Fund

Following the recommendation of Steve Varnedoe, Chief Engineer-Operations, a motion was made by Board Member Blount, seconded by Board Member Perkins, and the vote was unanimous to allocate funds to the following projects:

County	Description	Amount
Brunswick Div. 3	Construct right turn lane on NC 130 into Shallotte Industrial Park. Clear approximately 0.08 acres near driveway entrance for sight distance. WBS 39267	\$70,000.00

Mecklenburg Div. 10	Resurface and widen SR 2004 (Mount Holly - Huntersville Road) from US 21 to a point north of SR 2116 (Alexanderana Road) where the proposed North Lake Park Boulevard will intersect, for a distance of 2.37 miles. These improvements will aid in promoting economic development in this area. WBS 39143	\$375,000.00
Ashe Div. 11	WBS 35986 has been approved for to construct access road to serve New Brew, LLC manufacturing facility. Increase funds.	\$30,000.00
Catawba Div. 12	Widen SR 2105 (East P Street from two lanes to four lanes from taper of four lane section near NC 16 to SR 1880 (St. James Church Road) in Newton. This will provide better access to the new ZF Lemforder Corporation, which will employ 200 people. WBS 39271	\$350,000.00
Burke Div. 13	WBS 36031 has been approved to widen and strengthen SR 1501 (Antioch Road) from US 64/ NC 18 to SR 1584 for 1.40 miles. Includes turn lanes at SR 1501 at the airport and installation of traffic signal. Also, includes improvements at the Morganton/Lenoir Airport. Increase funds.	\$75,000.00

Approval - Revisions to the Town of Youngsville Thoroughfare Plan

Lori Cove, Group Manager in the Transportation Planning Branch, advised that
On November 11, 2003 the Board of Commissioners for the Town of Youngsville adopted four
revisions to the 1991 Thoroughfare Plan for Youngsville:

1. Delete the realignment of SR 1116 to approximately 1700 feet East of its existing intersection with SR 1100.
2. Delete proposed NC 96 ALT that diverges from NC 96 in the vicinity of Mayfield Place, continuing northward to cross SR 1100 nears its intersection with SR 1116,

continuing northward and westward to cross SR 1132, then continuing westward to intersect with US 1A near NC 96.

3. Delete the proposed realignment of US 1A in the vicinity of its intersection with NC 96.
4. Add proposed new route for NC 96 that diverges from NC 96 in the vicinity of SR 1131, continuing northward to cross SR 1100 approximately 900 feet East of SR 1132, continuing northward then westward to cross SR 1132 immediately north of Town limits, continuing westward to bridge the CSX Transportation line, then continuing westward to intersect with US 1A near NC 96.

The revisions resulted from a re-evaluation of NC 96 ALT as requested by the Town of Youngsville. The Town believes that new development has encroached the future alignment for NC 96 ALT shown on the 1991 Thoroughfare Plan. The Kerr-Tar Rural Planning Organization endorsed the revisions during its meeting on May 13, 2004. Board approval is needed to mutually adopt these revisions to the Youngsville Thoroughfare Plan map dated September 12, 1991. The revisions are illustrated on the attached map.

The revisions to the Youngsville Thoroughfare Plan map dated September 12, 1991 are available through the Transportation Planning Branch of the North Carolina Department of Transportation.

Contact: Jim Neely
NCDOT
Transportation Planning Branch
P.O. Box 25201
Raleigh, NC 27611
Phone (919) 733-4705
Fax (919) 733-2417

Upon adoption by the North Carolina Department of Transportation, copies of this map will be available through the Town of Youngsville government offices.

Accordingly, on a motion by Board Member Sewell, seconded by Board Member Campbell, the board approved the Revisions to the Town of Youngsville Thoroughfare Plan.

Additional Business

Approval – Resolution Requesting a Review of Salary Schedules for Ferry Division Employees

Upon a recommendation from the Transit, Rail and Ferry Committee, a motion was made by Board Member White, seconded by Board Member Collier to approve the following:

Whereas, the Ferry Division provides invaluable service to coastal North Carolina supporting both basic mobility and tourism; and

Whereas, the Ferry Division must provide competitive salaries in order to attract and retain the employees necessary to provide high quality, safe ferry services; and

Whereas, the Ferry Division is experiencing high vacancy rates in some locations; and

Whereas, the Ferry Division currently is not able to hire and retain adequate staff in all positions of day-to-day operations and certain skilled trades such as welders and electricians.

Now, Therefore, Be It Resolved:

That the North Carolina Board of Transportation supports a timely review of salary schedules for Ferry Division employees in order to match ferry salaries with comparable wages in it's market area.

Adopted, this the eighth day of July 2004 by the North Carolina Board of Transportation.

Approval – Resolution by the Board of Transportation on the TIP Development Process

Upon a recommendation from the TIP Subcommittee, a motion was made by Board Member Wilson, seconded by Board Member Szlosberg to approve the following:

Whereas, it is the desire of the Board of Transportation to adopt a Transportation Improvement Program (TIP) on a biennial basis; and

Whereas, the Board desires to move the seven (7) year, biennial Program to be effective beginning and ending in odd numbered years; and

Whereas, the Department is currently working toward developing a new draft 2006-2012 TIP that would normally be made available to the public in the Summer, 2004; and

Whereas, the U.S. Congress has not adopted a new multi-year Surface Transportation Program which creates great uncertainty as to the type and magnitude of funds that are anticipated to be available for programming over the next 6 to 8 years; and

Whereas, the General Assembly may enact changes this year to the structure of the State Highway Trust Fund to provide additional programming flexibility to the Board; and

Whereas, the Board wishes to provide the citizens of the State the best possible draft program to review and comment on that is based on reliable budget and program structure information; and

Whereas, the Board believes that release of a draft Program may be delayed in 2004 and still provide ample time for public review and comment prior to adoption of a final document in 2005,

Now Therefore Be It Resolved, that the Board of Transportation directs the staff to delay final development and distribution of the Draft 2006-2012 Transportation Improvement Program until after the conclusion of the 2004 session of the North Carolina General Assembly, and

Also Be It Resolved, that the Board of Transportation directs the staff to develop a schedule for adoption of a subsequent 2007-2013 Transportation Improvement Program, and that future Biennial Programs be adopted in even numbers years.

Approval – Resolution for Officer Randy Michael Pendleton

Upon a recommendation from the Road Naming Committee, a motion was made by Board Member Collier, seconded by Board Member Sewell to approve the following:

Whereas, Officer Randy Michael Pendleton was a native of Mount Holly in Gaston County; and

Whereas, Officer Randy Michael Pendleton served in the Mount Holly Police Department, the Catawba Heights Volunteer Fire Department and the Gaston County Police Department with integrity, professionalism and valor; and

Whereas, on February 5, 1979, Gaston County Police Officer Randy M. Pendleton was killed while assisting other officers in the apprehension of a dangerous felon; and

Whereas, the Mount Holly City Council, the Cramerton Town Board of Commissioners, the Gaston and Mecklenburg County Boards of Commissioners, the North Carolina Highway Patrol and area citizens requested the North Carolina Department of Transportation honor Officer Randy Michael Pendleton.

Now, Therefore, Be It Resolved:

That the North Carolina Board of Transportation names the bridge over the Catawba River on N.C. 27 connecting Mecklenburg and Gaston counties that serves as the main gateway into the City of Mount Holly the *Randy M. Pendleton Memorial Bridge* for his dedication to duty and his ultimate sacrifice in the protection of the citizens of his community and state.

That appropriate signs be erected at a suitable time.

Adopted, this the eighth day of July 2004 by the North Carolina Board of Transportation.

Approval – Resolution for James R. Vannoy

Upon a recommendation from the Road Naming Committee, a motion was made by Board Member Erby, seconded by Board Member Betts to approve the following:

Whereas, James R. Vannoy was born in the Nettle Knob community of Ashe County on February 24, 1918; and

Whereas, James R. Vannoy served his country during World War II spending four years in the United States Army under General Mark Clark in Africa, Sicily and Italy; and

Whereas, James R. Vannoy founded James R. Vannoy & Sons Construction in 1952, providing hundreds of jobs for Ashe County citizens and providing a great economic boost for the county; and

Whereas, James R. Vannoy was an active member of Friendship Baptist Church serving as a deacon for approximately 30 years, during which time he spent countless hours personally meeting the needs of those in the church and the community; and

Whereas, James R. Vannoy served 25 years as a member of the Ashe Memorial Hospital Board of Directors and was instrumental in the growth of the hospital; and

Whereas, James R. Vannoy helped establish the Jeremy Elliott Scholarship Fund and served as a member of the boards of First Union National Bank and First Charter Bank. He was a member of the Veterans of Foreign Wars and also served as Chairman of the Board of Trustees for the Ashe Baptist Association; and

Whereas, James R. Vannoy and his wife Wilma lovingly reared and cared for their family along a section of N.C. 16 in Ashe County; and

Whereas, the Ashe County Board of Commissioners requested the North Carolina Department of Transportation honor the county's devoted and beloved friend.

Now, Therefore, Be It Resolved:

That the North Carolina Board of Transportation names N.C. 16 from the intersection of U.S. 221/N.C. 88 to Shatley Springs Road the *James R. Vannoy Highway* for his untiring dedication and service to his community, state and nation.

That appropriate signs be erected at a suitable time.

Adopted, this the eighth day of July 2004 by the North Carolina Board of Transportation.

Adjournment

There being no further business to come before the Board, the meeting was adjourned.

Chairman,
North Carolina Board of Transportation

Attest: _____
Secretary to the Board of Transportation

Dated this _____ day of _____, 2004